

R02571



6723 Towpath Road, Box 66
Syracuse, NY 13214-0066

Alameda County
MAR 16 2006
Environmental Health

2006 MAR 15 PM 2:29

Reference No. 17366-208

March 14, 2006

Mr. Jerry Wickham, Hazardous Materials Specialist
Alameda County Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Dear Mr. Wickham:

Re: Soil and Groundwater Investigation
TOXICS Case No. RO0002571
Saturn of Pleasanton
4340 Rosewood Boulevard, Pleasanton, California

Enclosed please find the *above-referenced report.*

I declare under penalty of perjury that, based on my inquiry of those individuals responsible for obtaining the information contained in the attached report, the information is true and correct to the best of my knowledge in accordance with the California Business and Professions Code (Section 6735, 6835, and 7835.1)

Questions on the information contained herein can be directed to Ms. Martha Darnton at (517) 316-2397.

Sincerely yours,

ENCORE ENVIRONMENTAL CONSORTIUM, LLC

Robert T. Siegfried, R.G., C.E.G.

MFD/Rpt-126/Lan.
Encl.

cc: Martha Darnton, EEC
Pamela Merritt, Saturn Retail of South Carolina, LLC

R02571

**SOIL AND GROUNDWATER INVESTIGATION
SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA**

PREPARED FOR:

SATURN RETAIL OF SOUTH CAROLINA, LLC

PREPARED BY

ENCORE ENVIRONMENTAL CONSORTIUM, LLC

DATE: March 6, 2006

Alameda County
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DATE: March 6, 2006

Signature



Kevin A. Kowalk

Author

Signature



FOR Martha F. Darnton

Senior Reviewer

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EXECUTIVE SUMMARY

Saturn Retail of South Carolina, LLC (Saturn) retained the services of Encore Environmental Consortium, L.L.C. (EEC) to conduct soil and groundwater investigation activities adjacent to and downgradient of the oil/water separator (OWS) for Saturn of Pleasanton located at 4340 Rosewood Drive in Pleasanton, California (herein referred to as "the Site," see Figures 1 and 2, Appendix A). The soil and groundwater investigation activities were conducted at the Site on November 17-20, 2005 and on December 7 and 8, 2005. The investigation activities were conducted to further evaluate the vertical and horizontal extent of volatile organic compound (VOC) impacts in soil and groundwater in the vicinity of the former OWS.

Based on laboratory analytical results of soil and groundwater samples collected during the soil and groundwater investigation at the Site, VOC and oxygenate impacts that exceed the San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for deeper soils where groundwater is a potential drinking water source are limited to the shallow aquifer zone where fine-grained, less permeable silts and clays are prevalent. Impacts were not detected above ESLs in deeper zones of the aquifer where more permeable (higher sand content) materials were encountered, except for methyl-tertiary-butyl-ether (MTBE) detected in the 50-55 foot interval in SB-VAS-1.

Concentrations of Total Petroleum Hydrocarbons (TPH) as Diesel Range Organics (DRO) were also found to exceed the ESLs where groundwater is a potential drinking water source; however, TPH-DRO results following analysis via silica gel cleanup indicates that natural organic matter interference may be causing elevated concentrations in the deeper intervals sampled. This is further supported by the laboratory data validation. Finally, the source of contamination has been eliminated from the Site by removal of the faulty OWS and replacement with a new unit.

For these reasons, subsurface impacts detected at the Site do not appear to be adversely impacting Site or downgradient receptors, and are not considered a threat to the groundwater basin at depth. Based on the data collected during this investigation, no additional investigation or remediation is recommended at this time.

1.0 SCOPE -OF WORK (SOW)

The scope of work conducted during the soil and groundwater investigation activities was consistent with the EEC work plan dated April 26, 2005. The activities included the following:

- Preparation of a Site-specific Health and Safety Plan (HASP);
- Installation of one soil boring to an approximate depth of 75 feet in order to evaluate the Site-specific geology and identify the appropriate intervals for the completion of vertical aquifer sampling (VAS);
- Advancement of two additional borings to an approximate depth of 75 feet to conduct VAS;
- Collection of one soil sample from each soil boring that exhibits the greatest evidence of impact based on field observations or photoionization detector (PID) readings;
- Collection of a soil sample beneath the most impacted interval from each boring;
- Collection of discrete groundwater samples via VAS in 10-foot intervals from the second and third borings, or as necessary based on field observations, to a maximum depth of 75 feet, or until a confining layer is reached; and
- Submittal of soil and groundwater samples for laboratory analysis of volatile organic compounds (VOCs).

Additional SOW items required by the Alameda County Department of Environmental Health (ACDEH) in a September 12, 2005 letter included:

- Collection of soil samples from other impacted zones within soil borings, if more than one was encountered;
- Additional analysis of soil and groundwater samples for total petroleum hydrocarbons (TPH) as Diesel Range Organics (DRO); TPH as Gasoline Range Organics (GRO); various oxygenates including tert-amyl methyl ether (TAME); ethyl tert butyl-ether (ETBE); Di-isopropyl ether (DIPE); t-Butyl Alcohol (TBA); ethanol; and 1,4-dioxane;
- Gather additional information on the depth, construction, and current status of the private well located approximately 300 feet west of the Site, and evaluate the potential for VOC migration to the private well;
- Construct cross sections showing the types of soils encountered, depths where soil and groundwater samples were collected, sample results, and the location of the former oil/water separator (OWS) and associated drain lines at the Site; and
- Preparation of a soil and groundwater investigation report per ACDEH guidelines.

2.0 PREVIOUS ENVIRONMENTAL INVESTIGATION RESULTS

Based on available information, the following potential on-Site concerns were investigated during subsurface investigations:

- Subsurface investigation activities were conducted on December 2, 2002 to investigate soil and groundwater impacts due to a potential release from the OWS. One soil and one groundwater sample were collected in the area of the OWS. Laboratory analysis of the groundwater sample identified concentrations of benzene, cis-1,2-dichloroethylene (cis-1,2-DCE), and trichloroethylene (TCE) exceeding the respective California Maximum Contaminant Levels (MCL) under Title 22, Division 4, Chapter 15, Article 5.5 of the California Code of Federal Regulations. Based on the concentrations of benzene, cis-1,2-DCE, and TCE identified in the groundwater sample collected adjacent to the OWS during the subsurface investigation, EEC recommended that the OWS be removed and replaced.
- OWS removal and replacement field activities at the Site were initiated on July 7, 2003 and completed on July 31, 2003. The removal activities consisted of the excavation and off-Site disposal of the existing OWS and impacted soils, the collection of soil samples from the bottom and sidewalls of the OWS excavation during three rounds of sampling. Due to the analytical results obtained during the first and second rounds of sampling, the OWS excavation was overexcavated to the extent practical. The removal activities were followed by the installation of a new OWS of similar construction and design. The analytical results obtained during the OWS removal and replacement activities for the soil samples indicate no detected impacts to the soils sampled -nearest to the sampling locations that previously exceeded the requirements of ACDEH personnel.
- Due to the nature of the VOCs detected in the groundwater in the vicinity of the OWS during previous investigations, a preliminary subsurface investigation was conducted at the Site in May 2003. A total of eight soil borings (SP-1 through SP-8) were advanced utilizing direct push techniques to depths of approximately 26 to 32 feet bgs in the vicinity of the OWS to further define the horizontal extent of VOCs in groundwater. Soil borings SP-1 through SP-4 were advanced on May 13, 2002 and soil borings SP-5 through SP-8 were advanced on May 28, 2003 based on the analytical results of groundwater samples collected from SP-1 through SP-4. Based on analytical results, cis-1,2-DCE was detected in the groundwater samples collected from SP-1 and SP-3 at concentrations of 47 µg/L and 9 µg/L, respectively, which are above the MCL of 6.0 micrograms per Liter (µg/L). TCE was detected in the groundwater samples collected from SP-1, SP-3, and SP-8 at concentrations of 26 µg/L, 15 µg/L, and 38 µg/L, respectively, which are above the MCL of 5.0 µg/L. MTBE was detected in the groundwater samples collected from SP-1 and SP-3 at concentrations of 62 µg/L and 29 µg/L, respectively, which are above the MCL of 13 µg/L. The summary of preliminary groundwater investigation activities conducted by EEC concluded that the horizontal extent of the VOC contamination in shallow groundwater at concentrations above the MCLs had been delineated to the north, west, and east of the OWS. The horizontal extent of TCE contamination in shallow groundwater at concentrations above the MCLs had not been delineated to the south of the OWS.

3.0 SOIL AND GROUNDWATER INVESTIGATION ACTIVITIES

3.1 SOIL AND GROUNDWATER INVESTIGATION CHRONOLOGY AND SUMMARY OF EVENTS

During activities conducted from November 17 through November 20, 2005 and on December 7 and 8, 2005, field personnel performed an investigation to further delineate the extent of VOC impacts to soil and groundwater in the vicinity of the former OWS.

Figures are presented in Appendix A. Figure 1 presents a Site Location; Figure 2 presents a Site Plan; Figure 3 presents the Soil Boring and VAS Locations Map; and Figure 4 presents a cross section constituents detected above the San Francisco Bay Regional Water Quality Control Board (SF Bay RWQCB) Environmental Screening Levels (ESLs) for Deep Soils (>3 meters below ground surface) when groundwater is and is not a potential source of drinking water in soil and groundwater. Tables are presented in Appendix B. Table 1 presents a sample summary, Table 2 presents a summary of detected parameters in soil samples, and Table 3 presents a summary of detected parameters in groundwater samples. Laboratory analytical reports and a data validation memo are presented in Appendix D.

3.1.1 Site Health And Safety

A Site-specific health and safety plan (HASP) was prepared for the soil and groundwater investigation activities conducted at the Site. The HASP was developed in order to minimize potential hazards and exposures to workers involved in the environmental assessment activities.

3.1.2 Quality Assurance/Quality Control

During the advancement of the soil and VAS borings and sample collection and field analysis, a Quality Assurance/Quality Control (QA/QC) program was employed. The QA/QC procedures included, but were not limited to, the following:

- Cleaning of drilling equipment prior to use at each boring location;
- Decontamination of sampling equipment prior to each sampling event;
- Proper calibration of field equipment;
- Chain-of-custody protocol for delivery of samples for laboratory analysis to ensure sample integrity; and
- Documentation of field procedures.

3.1.3 Decontamination Procedures

Prior to sampling, all sampling equipment was washed with a steamer/pressure washer. Sampling equipment utilized during the investigation activities (including nitrile gloves and plastic bags) was properly disposed between sampling intervals to prevent any cross contamination of samples.

3.2 SUBSURFACE INVESTIGATION

One soil boring (SB-9) was advanced north of the OWS to a depth of 75 feet below ground surface (bgs) in order to evaluate the Site-specific geology and determine the appropriate intervals for the completion of the VAS. Based on observations from SB-9, three soil borings (SB-VAS-1, SB-VAS-2, and SB-VAS-3) were advanced to depths of 75, 50, and 55 feet bgs, respectively, to conduct VAS. SB-VAS-1 was advanced within the known area of TCE contamination and SB-VAS-2 was advanced in the most accessible location to the south of the OWS (south of the canopy). Height restrictions prohibited the installation of a boring south of the OWS location and beneath the canopy. An additional soil boring (SB-VAS-3) was advanced in the vicinity of SB-VAS-1 due to the need to collect additional samples in that location because of laboratory error.

Soil and groundwater samples collected and selected for chemical analysis were sealed in laboratory supplied containers, labeled with the appropriate sample locations, sample depth, sample number, date, and time; stored on ice, and sent under chain-of-custody protocol to Severn Trent Laboratories (STL) in Pleasanton, California.

EEC contacted Zone 7 Water Agency (Zone 7) personnel and reviewed the Zone 7 Final Management Plan and the Well Master Plan for the Livermore-Amador Groundwater Basin, for information on whether or not the Site is considered to be in an area where groundwater is a potential source for drinking water.

The Livermore-Amador Groundwater Basin (LAGWB) is used as a drinking water source during periods of drought and is recharged with surplus water during non-drought periods. The LAGWB is divided into the Main Basin (which includes four sub-basins) and is surrounded by "Fringe" sub-basins. The Main Basin is characterized as having good to excellent groundwater quality and high storage capacity, while the "Fringe" sub-basins are characterized as having poorer quality groundwater and low storage capacity. The Site lies to the north of the Main Basin, in the Camp sub-basin (Fringe). The Main Basin and the Camp sub-basin are separated by the Park Boundary, which is described as a change in depositional characteristics with discontinuities in hydrogeologic parameters.

Based on the above, the laboratory analytical results were compared to criteria where groundwater is a source for drinking water and where groundwater is not a source for drinking water.

3.2.1 Soil Sampling and VAS

Soil samples were obtained using a hollow-stem drill rig. A minimum of one soil sample was collected at every five-foot interval until groundwater was encountered. Soil samples were not collected below the water table.

Two soil samples were collected from each of borings SB-9, SB-VAS-1, and SB-VAS-3, respectively; and three soil samples were collected from SB-VAS-2. Soil samples were collected from SB-9 and SB-VAS-1 on November 19, 2005 and soil samples collected from SB-VAS-2 and SB-VAS 3 were collected on December 7 and 8, 2005, respectively. The soil samples were field screened using a photoionization detector (PID). Stratigraphic boring logs are presented in Appendix B.

Four groundwater samples were collected from SB-VAS-1 at intervals of 30 to 35 feet bgs, 40 to 45 feet bgs, 50 to 55 feet bgs, and 70 to 75 feet bgs. Three groundwater samples were collected from SB-VAS-2 at intervals of 30 to 35 feet bgs, 38 to 43 feet bgs, and 50 to 55 feet bgs. One groundwater

sample was collected from SB-VAS-3 at 50 to 55 feet bgs, because the sample previously collected in SB-VAS-1 at this depth was broken during shipment to the laboratory.

3.2.2 Analytical Methods

The selected soil samples were analyzed in accordance with the State of California, and the requirements of the ACDEH. Samples collected were analyzed in accordance with the proposal prepared by EEC dated October 21, 2005. Samples collected during soil and groundwater investigation activities were also analyzed for additional parameters requested in a letter from ACDEH to EEC dated September 12, 2005. Sample analyses are summarized below:

- VOCs, TPH as GRO and various oxygenates (tertiary amyl methyl ether, 1,4-dioxane, ethyl tertiary butyl ether, diisopropyl ether, and tertiary butanol) by U.S. EPA Method 8260B and TPH as DRO by U.S. EPA Method 8015B.

3.3 ANALYTICAL RESULTS

The analytical results for the soil samples obtained from the soil borings and VAS are summarized below. The laboratory analytical reports and copies of the chain-of-custody forms are included in Appendix E.

3.3.1 Soil Sampling Analytical Results

Of the constituents detected, none were reported at concentrations exceeding the San Francisco Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for deep soils (>3 meters bgs) when groundwater is, or is not, a potential source of drinking water for residential and industrial/commercial use.

3.3.2 VAS Analytical Results

Of the constituents detected, TPH-DRO was detected at concentrations of 690 micrograms per liter ($\mu\text{g/L}$) and 11,000 $\mu\text{g/L}$ in samples collected from 30-35 feet bgs and 40-45 feet bgs in SB-VAS-1, respectively, which exceeded the San Francisco RWQCB ESL criteria of 640 $\mu\text{g/L}$ for deep soils when groundwater is not a potential source of drinking water. Significant concentrations of other petroleum-related VOCs were not detected in the groundwater samples collected from these intervals. After discussion with Jerry Wickham of ACDEH, it was decided to rerun the samples for TPH as DRO using a silica gel clean-up. This process is known to be effective in removing potential natural organic interference. The analytical results with the silica gel cleanup indicated that TPH-DRO was detected at concentrations of 73 $\mu\text{g/L}$ and 1,500 $\mu\text{g/L}$ for the respective samples in SB-VAS-1. Therefore, the sample collected from 40-45 feet bgs exceeded the San Francisco RWQCB ESL criteria of 640 $\mu\text{g/L}$ for deep soils when groundwater is not a potential source of drinking water. TPH-DRO was also detected at concentrations of 630 $\mu\text{g/L}$ and 450 $\mu\text{g/L}$ in the samples collected from 80-75 feet bgs in SB-VAS-1 and 38-43 feet bgs in SB-VAS-2, respectively, which exceed the San Francisco RWQCB ESL criteria of 100 $\mu\text{g/L}$ for deep soils when groundwater is a potential source of drinking water. The sample collected from 70-75 feet bgs was rerun utilizing the silica gel cleanup and the resulting concentration of 81 $\mu\text{g/L}$ was also below the San Francisco RWQCB ESL criteria of 640 $\mu\text{g/L}$ for deep soils when

groundwater is not a potential source of drinking water. Based on the TPH-DRO results following analysis via silica gel cleanup, it appears that natural organic matter interference may be causing elevated concentrations.

Methyl-tert-butyl-ether was detected at concentrations which exceeded the San Francisco RWQCB ESL criteria of 5 µg/L for deep soils when groundwater is a potential source of drinking water in the samples collected from 30-35 feet bgs in SB-VAS-1, 40-45 feet bgs in SB-VAS-1, 50-55 feet bgs in SB-VAS-1, 30-35 feet bgs in SB-VAS-2, and 38-43 feet bgs in SB-VAS-2, respectively.

Cis-1,2-Dichloroethene was detected at a concentration which exceeded the San Francisco RWQCB ESL for deep soils when groundwater is a potential source of drinking water criteria of 5 µg/L in the sample collected from 30-35 feet bgs in SB-VAS-2.

Tert-butyl alcohol (TBA) was detected at a concentrations which exceeded the San Francisco RWQCB ESL criteria of 12 µg/L for deep soils when groundwater is a potential source of drinking water in the samples collected from 30-35 feet bgs in SB-VAS-1, 40-45 feet bgs in SB-VAS-1 and 30-35 feet bgs in SB-VAS-2, respectively.

Vinyl Chloride was detected at a concentration which exceeded the San Francisco RWQCB ESL criteria of 0.5 µg/L for deep soils when groundwater is a potential source of drinking water in the sample collected from 30-35 feet bgs in SB-VAS-2.

Groundwater sample results detected above applicable criteria are summarized on Table 3 and presented on Figure 5.

3.3.3 Laboratory Data Validation

Laboratory data validation was conducted by EEC to insure quality objectives were achieved. The laboratory data validation memorandum is presented in Appendix D.

3.5 WASTE CHARACTERIZATION

During investigation field activities, eighteen 55-gallon drums of soil cuttings and sixteen 55-gallon drums of decontamination wash water and purge water were produced. Characterization samples were collected from the drummed soil and water. The drums are temporarily stored at the Site pending disposal arrangement.

3.6 PRIVATE WELL

In addition to soil and groundwater investigation activities, information on the private well referenced in the Work Plan and in the letter to Ms. Val Schuster of Saturn Retail of South Carolina was obtained for review. Based on the review of available documentation and discussions with the Zone 7 Water Agency (Zone 7), the private well referenced is United States Geological Survey (USGS) well ID #374204121523901. This well is located approximately 300 feet to the west of the Site. Based on USGS data the well is 100 feet bgs and was completed in the alluvium local aquifer. Wyman Hong, a Water Resource Specialist with the Zone 7 Water Agency, was contacted regarding further information on this well; however, at the time of this report no information has been provided.

Based on review of the of the Zone 7 Semi-Annual Groundwater Gradient Map, groundwater flow is expected to be to the south. Based on review of available information and localized contaminant distribution near the OWS, groundwater is not expected to flow towards the USGS well located approximately 300 feet to the west of the Site. Therefore no adverse impacts due to Site conditions are expected.

4.0 CONCLUSIONS

Saturn retained the services of EEC to conduct soil and groundwater investigation activities adjacent to and downgradient of the OWS at the Saturn of Pleasanton dealership located in Pleasanton, California (Site). The purpose of the soil and groundwater investigation activities was to further evaluate the VOC impacts previously detected at the Site. The conclusions of the soil and groundwater investigation activities are presented below.

- The analytical results for the soil samples indicate no detected impacts to the soils near the previous sampling locations where contaminants were found to exceed the requirements of the San Francisco RWQCB.
- The analytical results for the groundwater samples indicate that TPH-DRO was detected at concentrations which exceeded the San Francisco RWQCB ESL criteria of 640 µg/L for deep soils when **groundwater is not** a potential source of drinking water in samples collected from 30-35 feet bgs and 40-45 feet bgs in SB-VAS-1 (before silica gel cleanup). After silica gel cleanup, TPH-DRO was detected above this criteria in only the sample collected from 40-45 feet bgs in SB-VAS-1.
- TPH-DRO was detected at concentrations which exceeded the San Francisco RWQCB ESL criteria of 100 µg/L for deep soils when groundwater is a potential source of drinking water in the samples collected from 30-35 feet bgs, 40-45 feet bgs, and 70-75 feet bgs in SB-VAS-1; and from 38-43 feet bgs in SB-VAS-2 (before silica gel cleanup). After silica gel cleanup, TPH-DRO was detected above this criteria in only the sample collected from 40-45 feet bgs in SB-VAS-1.
- Methyl-tert-butyl-ether was detected at concentrations which exceeded the San Francisco RWQCB ESL criteria of 5 µg/L for deep soils when groundwater is a potential source of drinking water in the samples collected from 30-35 feet bgs, 40-45 feet bgs, and 50-55 ft bgs in SB-VAS-1; and from 30-35 feet bgs and 38-43 feet bgs in SB-VAS-2.
- Cis-1,2-Dichloroethene was detected at a concentration which exceeded the San Francisco RWQCB ESL criteria of 5 µg/L for deep soils when groundwater is a potential source of drinking water in the sample collected from 30-35 feet bgs in SB-VAS-2.
- TBA was detected at concentrations which exceeded the San Francisco RWQCB ESL criteria of 12 µg/L for deep soils when groundwater is a potential source of drinking water in the samples collected from 30-35 feet bgs and 40-45 feet bgs in SB-VAS-1; and from 30-35 feet bgs in SB-VAS-2.
- Vinyl Chloride was detected at a concentration which exceeded the San Francisco RWQCB ESL criteria of 0.5 µg/L for deep soils when groundwater is a potential source of drinking water in the sample collected from 30-35 feet bgs in SB-VAS-2.

Analytical results indicate that VOC impacts in groundwater extend to the location of SB-VAS-2; however, concentrations are showing a decreasing trend outward from the former OWS location. The vertical extent of impacts appear to be concentrated in the upper water bearing zone (30-45 feet bgs) nearest to the OWS. Degradation components of VOCs appear in SB-VAS-2 in the upper water bearing zone (30-35 feet bgs), located south of the former OWS in the estimated groundwater flow path based on the Zone 7 Semi Annual Groundwater Gradient Map.

Based on the TPH DRO results following analysis via silica gel cleanup it appears that natural interference may be causing elevated levels of DRO concentrations.

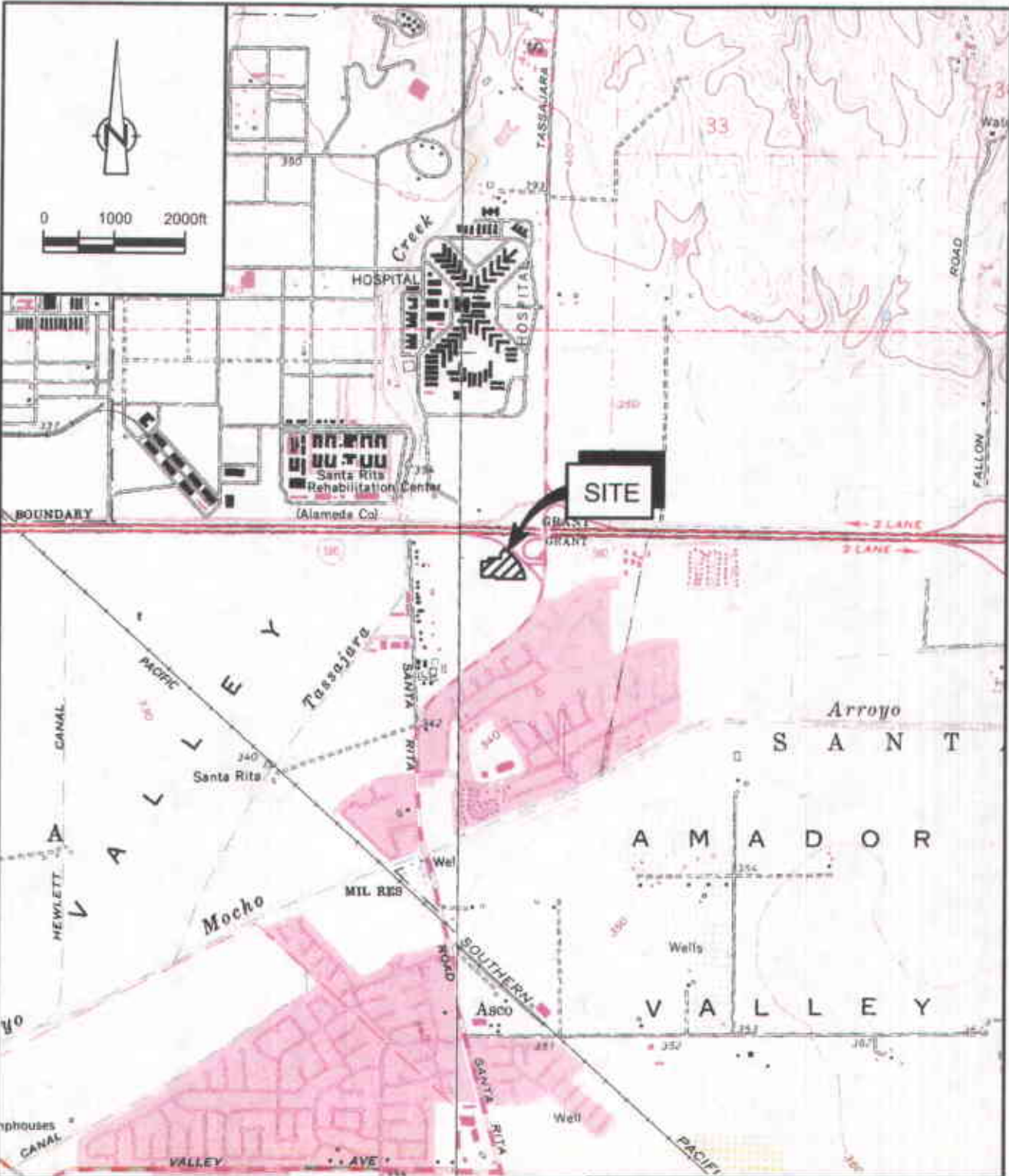
Based on the analytical results for the groundwater samples collected in the upper water bearing zone from SB-VAS-2, it appears that TCE detections above criteria have been delineated to the south.

5.0 RECOMMENDATIONS

Based on laboratory analytical results of soil and groundwater samples collected during the soil and groundwater investigation at the Site, VOC and oxygenate impacts that exceed the ESLs where groundwater is a potential drinking water source are limited to the shallow aquifer zone where fine-grained, less permeable silts and clays are prevalent. Impacts were not detected above ESLs in deeper zones of the aquifer where more permeable (higher sand content) materials were encountered, except for MTBE detected in the 50-55 foot interval in SB-VAS-1.

Concentrations of DRO were also found to exceed the ESLs where groundwater is a potential drinking water source; however, TPH-DRO results following analysis via silica gel cleanup indicates that natural organic matter interference may be causing elevated concentrations in the deeper intervals sampled. This is further supported by the laboratory data validation. Finally, the source of contamination has been eliminated from the Site by removal of the faulty OWS and replacement with a new unit.

For these reasons, subsurface impacts detected at the Site do not appear to be adversely impacting Site or downgradient receptors, and are not considered a threat to the groundwater basin at depth. Based on the data collected during this investigation, no additional investigation or remediation is recommended at this time.



SOURCE: USGS QUADRANGLE MAP;
LIVERMORE AND DUBLIN, CALIFORNIA

SATURDAY OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

SITE LOCATION



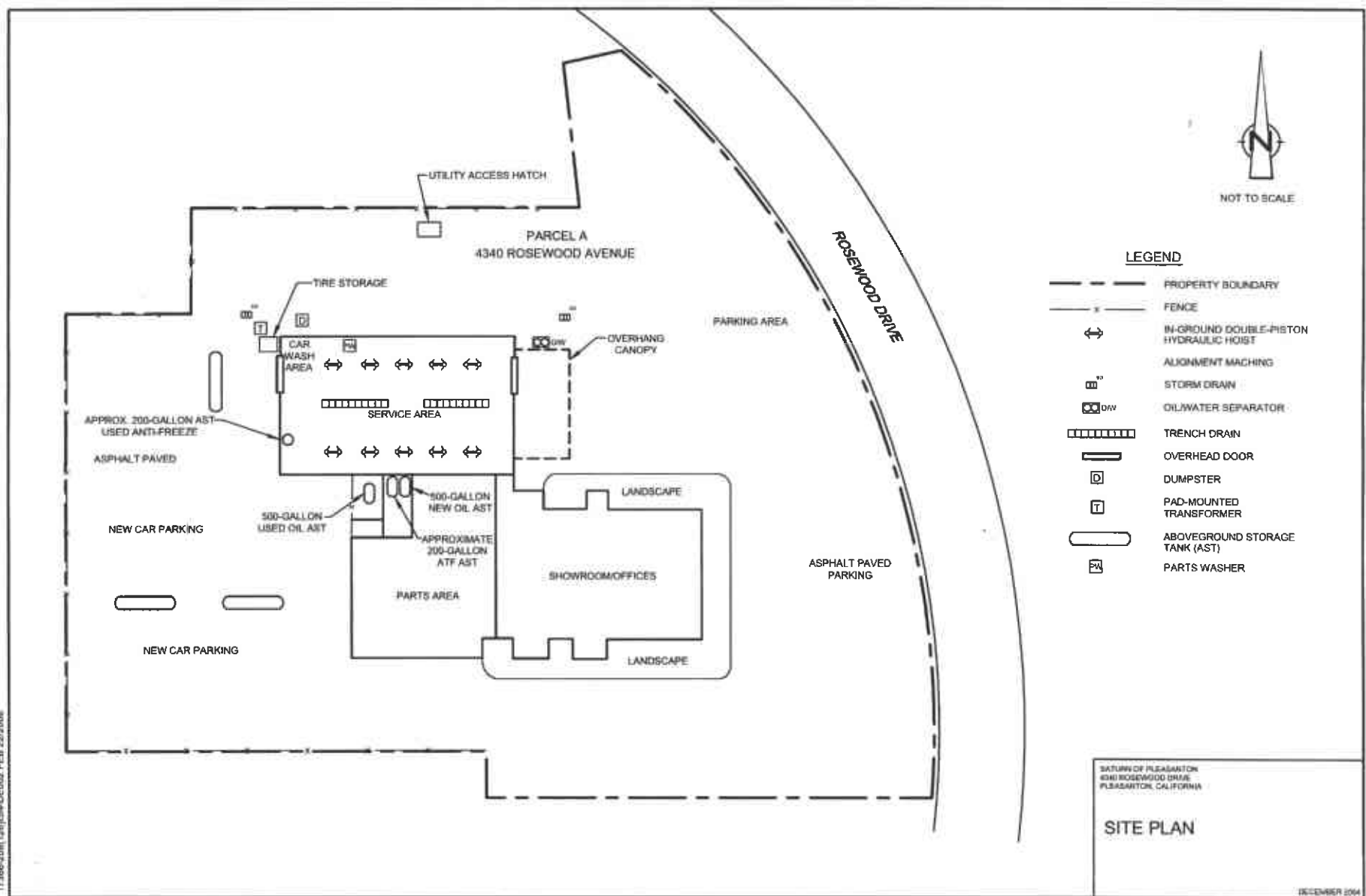
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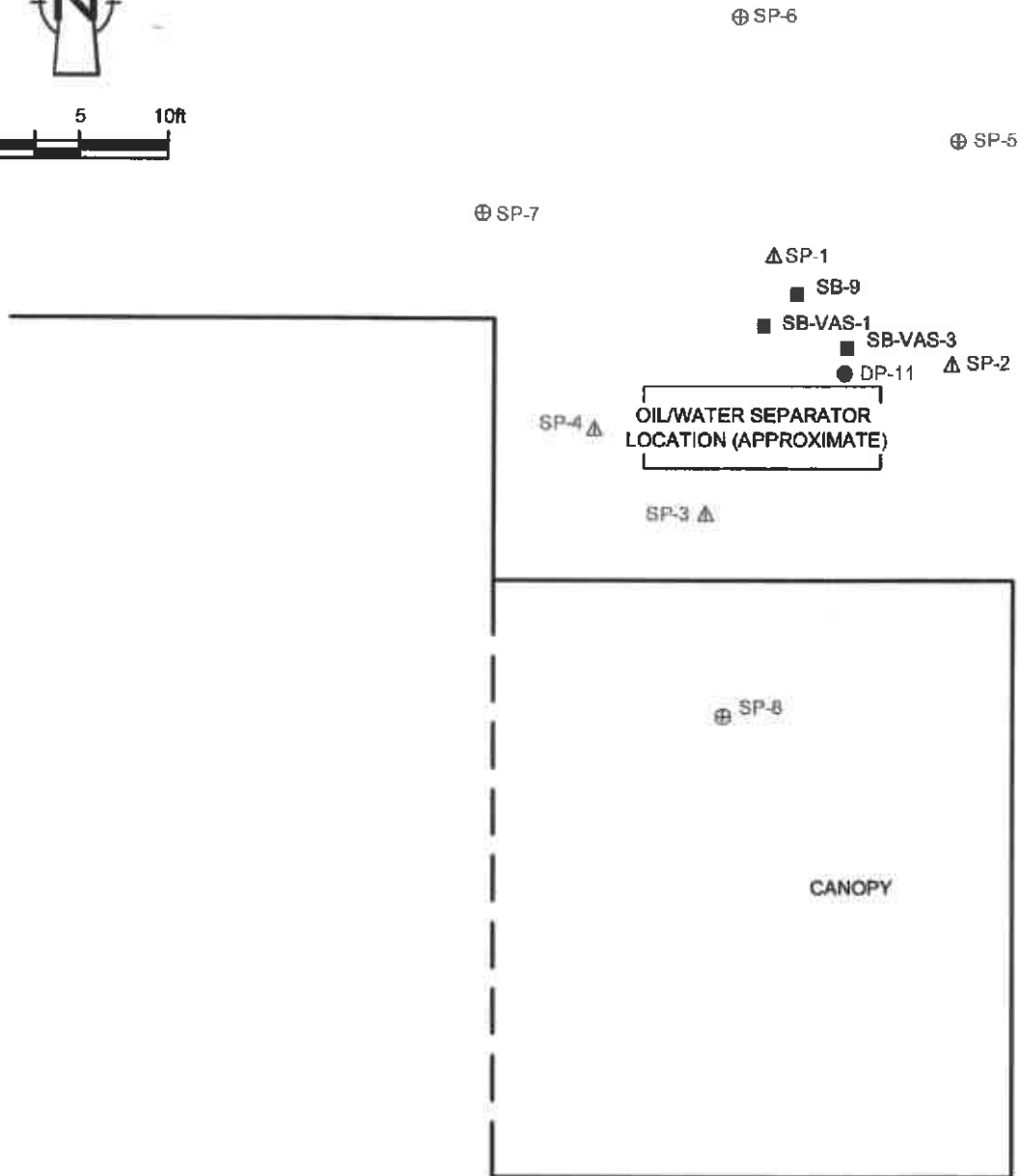
DECEMBER 2004

17366-208(126)GN-DE001 DEC 19/2005

FWS/IRF 1

17386-001121024 DEC02 FEB 20/2006





LEGEND

- ▲ SP-1 APPROXIMATE SOIL BORING LOCATION (5-13-03)
- DP-11 APPROXIMATE SOIL BORING LOCATION (12-2-02)
- ⊕ SP-5 APPROXIMATE SOIL BORING LOCATION (5-28-03)
- SB-VAS-1 SOIL BORING LOCATION

■ SB-VAS-2

SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

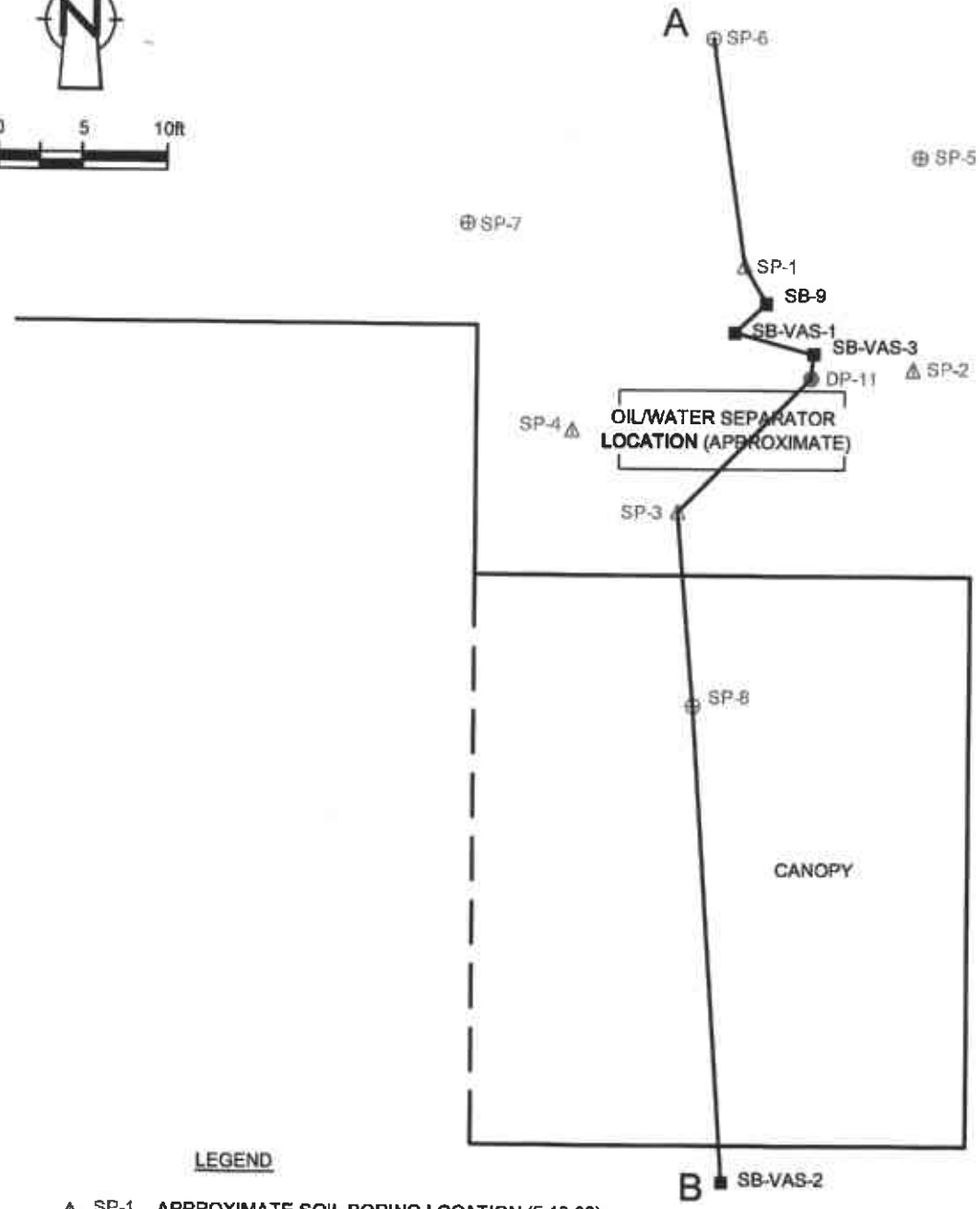
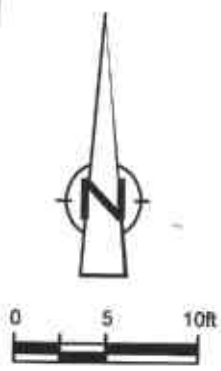
**SOIL BORING AND
VAS LOCATIONS**

SCALE: 1" = 10'

JANUARY, 2005

17366-208(126)GN-DE003 JAN 06/2006

FIGURE 3



LEGEND

- △ SP-1 APPROXIMATE SOIL BORING LOCATION (5-13-03)
- DP-11 APPROXIMATE SOIL BORING LOCATION (12-2-02)
- ⊕ SP-5 APPROXIMATE SOIL BORING LOCATION (5-28-03)
- SB-VAS-1 SOIL BORING LOCATION
- A — B CROSS SECTION LOCATION

SATURN OF PLEASANTON
 4340 ROSEWOOD DRIVE
 PLEASANTON, CALIFORNIA

CROSS SECTION A-B (PLAN)

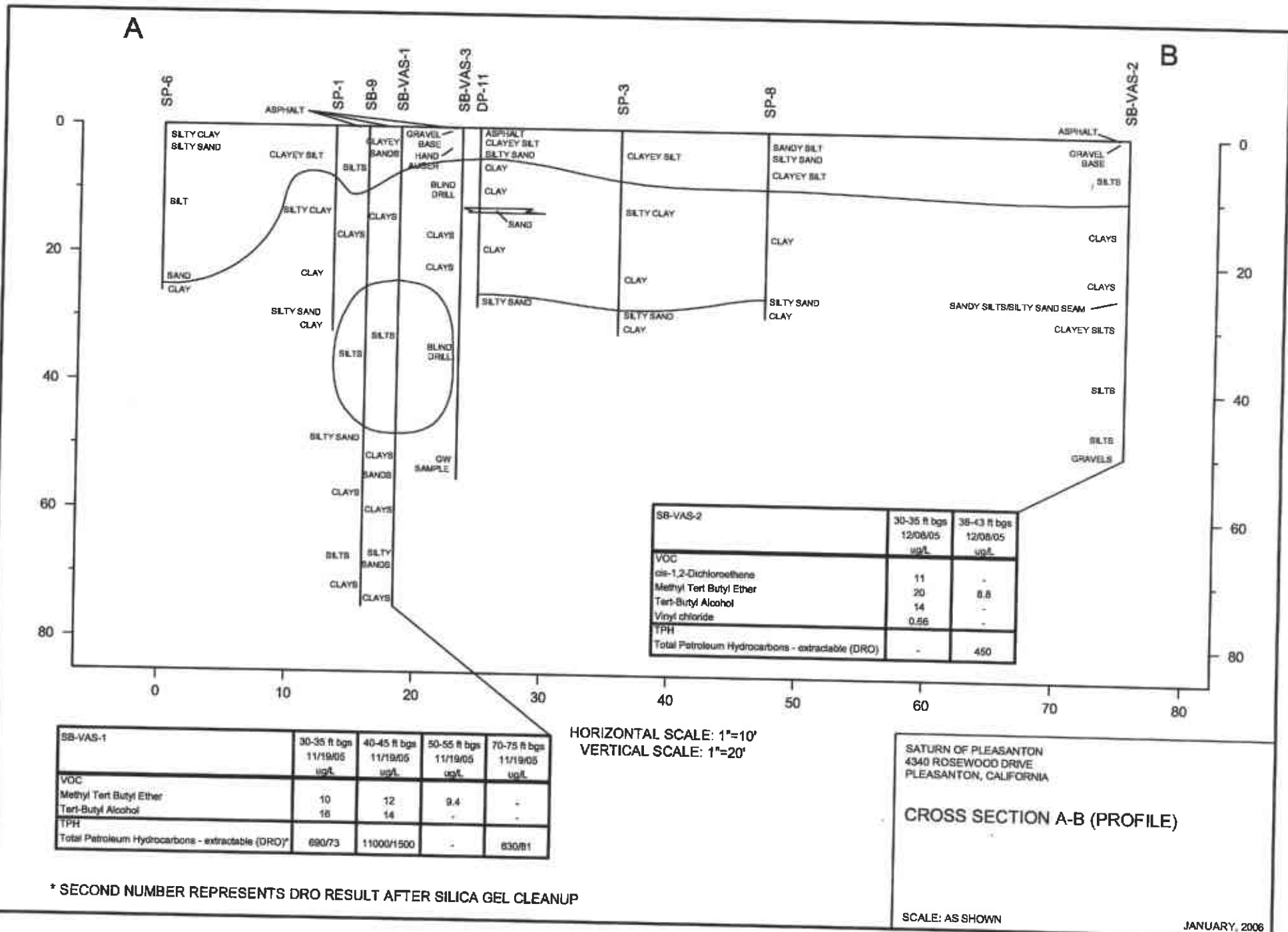
SCALE: 1" = 10'

JANUARY, 2005

17366-208(126)IGN-DE006 MAR 13/2006

FIGURE 4

17366-208(126)GN-DE005 MAR 13/2006



* SECOND NUMBER REPRESENTS DRO RESULT AFTER SILICA GEL CLEANUP

JANUARY, 2006

FIGURE 5

APPENDIX B

Stratigraphic Boring Logs

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-9
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE					
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)	
0.16	ASPHALT	0.16							
2	ML-SILTS, trace fine sands, trace fine subrounded gravels, compact, poorly graded, fine grained, brown, moist		8" BOREHOLE BENTONITE GROUT	1HA				0	
4									
6									
8	- with sands at 8.0ft BGS				2AL		47		0
10	CH-CLAYS, trace silts, firm, high plasticity, brown mottled with slight orange hue/brown, moist	10.00							
12					3AL		100		0
14									
16	- dark brown at 16.0ft BGS								
18					4AL 15-20 -001		100		0.2
20									
22				5AL 20-25 -002		100		0	
24									
25.00	ML-SILTS, trace fine sands, compact to dense, poorly graded, fine grained, brown, wet, slight plasticity	25.00							
26									
28				6AL		100		0.2	
30									
32									
34				7AL		100		0.4	

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG: 17366-208-01.GPJ CRA_CORP.GDT 1/8/06

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON

HOLE DESIGNATION: SB-9

PROJECT NUMBER: 17366-208-01

DATE COMPLETED: November 19, 2005

CLIENT: ENCORE

DRILLING METHOD: 4-1/4" HSA/CORE BARREL

LOCATION: PLEASANTON

FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
36								
38				8AL		100		0.5
40								
42				9AL		100		0.7
44								
46								
47.00		47.00						
48	SM-SILTY SANDS, compact, poorly graded, fine grained, trace mediu and coarse grained, brown, wet			10AL		100		0.2
50								
50.00		50.00						
52	CH-CLAYS, trace fine and coarse sands, dense, high plasticity, dark brown, very moist to wet			11AL		100		0.3
54								
56				12AL		0		
58								
60	- soft, silty at 60.0ft BGS							
62				13AL		100		0.5
64								
65.00		65.00						
66	ML-SILTS, trace fine sands, compact, poorly graded, fin grained, brown, wet							
68				14AL		20		0

OVERBURDEN LOG 17366-208-01.GPJ CRA CORP GSDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-9
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
72	CH-CLAYS, trace fine and coarse sands, dense, high plasticity, dark brown, very moist to wet	70.00		15AL		100		0.1
74		75.00						
76	END OF BOREHOLE @ 75.0ft BGS							
78								
80								
82								
84								
86								
88								
90								
92								
94								
96								
98								
100								
102								
104								

OVERBURDEN LOG 17366-208-01.GPJ CRA CORP GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-1
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
2	ASPHALT SC-CLAYEY SANDS, trace fine angular gravels, compact, poorly graded, fine grained, brown, moist	0.16		1HA				0
4								
6			8" BOREHOLE					
8	CH-CLAYS, trace coarse sands, firm to stiff, high plasticity, brown, moist	7.00		2AL		80		0.5
10								
12			BENTONITE GROUT	3AL		100		0.8
14								
16	- dark brown at 15.0ft BGS							
18				4AL 15-20 -003		100		0.5
20	- light brown at 20.0ft BGS							
22								
24	ML-SILTS, compact, poorly graded, fine grained, light brown, wet, slight plasticity	24.00		5AL 20-25 -004		100		0.5
26								
28				6AL		90		0.9
30								
32				7AL		100		0.5
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ○

OVERBURDEN LOG: 17366-208-01.GPJ CRA_CORP.GDT 1/6/06

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON

HOLE DESIGNATION: SB-VAS-1

PROJECT NUMBER: 17366-208-01

DATE COMPLETED: November 19, 2005

CLIENT: ENCORE

DRILLING METHOD: 4-1/4" HSA/CORE BARREL

LOCATION: PLEASANTON

FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
36	- clayey at 35.0ft BGS							
38				9AL		100		0.2
40								
42				9AL		100		0
44								
46								
48		48.00		10AL		100		0
50	CH-CLAYS, trace silts, stiff, high plasticity, dark brown, very moist							
52				11AL		100		0.2
54		54.00						
54	SP-SANDS, loose, poorly graded, fine grained, trace medium and coarse grained, brown, wet	55.00						
56	CH-CLAYS, trace silts, stiff, high plasticity, dark brown, very moist							
58				12AL		100		0.2
60	- trace clays, moist at 60.0ft BGS							
62				13AL		100		0.3
64								
66		65.00						
66	SM-SILTY SANDS, loose to compact, poorly graded, fine grained, brown, wet							
68				14AL		100		0.1

OVERBURDEN LOG 17366-208-01.GPJ CRA CORRP.GDT 11/19/05


NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-1
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 102 104	CH-CLAYS, trace silts, stiff, high plasticity, dark brown, wet END OF BOREHOLE @ 75.0ft BGS	70.00 75.00		15AL		100		0

OVERBURDEN LOG - 17366-208-01.GPJ_CRA_CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-2
 DATE COMPLETED: December 8, 2005
 DRILLING METHOD: 4-1/4" HSA/DIRECT PUSH
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE					
				NUMBER	INTERVAL	REC (%)	'N VALUE	PID (ppm)	
36									
38	- sandy silt seam at 37.5ft BGS								
40									
42				(36-43 -008)					
44									
46	ML-SILTS, with clays, stiff, gray brown with orange staining, wet	45.60							
48	GP-GRAVELS with sands and silts seam, wet	48.30							
50	END OF BOREHOLE @ 50.0ft BGS	50.00							
52				(50-55 -008)					
54									
56									
58									
60									
62									
64									
66									
68									

OVERBURDEN LOG 17366-208-01.GPJ CRA CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-3
 DATE COMPLETED: December 7, 2005
 DRILLING METHOD: 4-1/4" HSA/DIRECT PUSH
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE					
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)	
	ASPHALT	0.15							
	GW-GRAVEL BASE	1.00							
2	HAND AUGER								
4									
6	BLIND DRILL	5.00	8" BOREHOLE						
8									
10			BENTONITE GROUT						
12									
14									
16	CH-CLAYS, stiff, dark brown, plastic, moist	15.00					15-19' -001		8.2
18									
20	CH-CLAYS, stiff, brown, plastic, moist	19.00					20-24' -002		5.2
22									
24	BLIND DRILL	24.00							
26									
28									
30									
32									
34									

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG 17366-208-01.GPJ CRA CORP.GDT 1/6/06

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-3
 DATE COMPLETED: December 7, 2005
 DRILLING METHOD: 4-1/4" HSA/DIRECT PUSH
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	N' VALUE	P/D (ppm)
36								
38								
40								
42								
44								
46								
48								
50	GW-SAMPLE, hydro punch	50.00			50-55' -003			
52								
54								
56	END OF BOREHOLE @ 55.0ft BGS	55.00						
58								
60								
62								
64								
66								
68								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG 17366-208-01 GP-1 CRA CORP GDT 1/6/06

TABLE 1

SAMPLE SUMMARY
SATURN OF PLEASANTON
4340 ROSEWOOD BOULEVARD
PLEASANTON, CALIFORNIA

<u>Sample Identification</u>	<u>Sample Location</u>	<u>Sample Depth (ft. bgs)</u>	<u>Matrix</u>	<u>Analysis⁽¹⁾</u>
S-17366-111905-MM-001	SB-9	15-20	Soil	TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-002	SB-9	20-25	Soil	TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-003	SB-VAS-1	15-20	Soil	TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-004	SB-VAS-1	20-25	Soil	TCL VOC, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-005	SB-VAS-1	30-35	Water	TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-006	SB-VAS-1	40-45	Water	TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-007	SB-VAS-1	50-55	Water	TCL VOC, TPH-GRO
GW-17366-111905-MM-008	SB-VAS-1	70-75	Water	TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
TB-17366-111905-MM-011	--	--	Water	TCL VOC
S-120705-RTS-001	SB-VAS-3	15-19	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)
S-120705-RTS-002	SB-VAS-3	20-24	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)
GW-120705-RTS-003	SB-VAS-3	50-55	Water	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)
S-120805-RTS-004	SB-VAS-2	13-17	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)
S-120805-RTS-005	SB-VAS-2	17-21	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)
S-120805-RTS-006	SB-VAS-2	21-25	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)
GW-120805-RTS-007	SB-VAS-2	30-35	Water	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)
GW-120805-RTS-008	SB-VAS-2	38-43	Water	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)
GW-120805-RTS-009	SB-VAS-2	50-55	Water	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates(2)

Notes:

⁽¹⁾ Samples were transported under chain of custody (COC) protocol to STL Laboratories (STL), located in San Francisco, California to be analyzed within a 72-hour TAT.

⁽²⁾ Oxygenates include: tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), diisopropyl ether (DIPE) and tertiary butanol (TB)
TCL VOCs - Target Compound List Volatile Organic Compounds
TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics
TPH-DRO - Total Petroleum Hydrocarbons as Diesel Range Organics
ft. bgs - feet below ground surface

TABLE 2

SUMMARY OF DETECTED PARAMETERS IN SOIL SAMPLES
 SATURN OF PLEASANTON
 4340 ROSEWOOD DRIVE
 PLEASANTON, CALIFORNIA

Sample Location	SF Bay RWQCB				SB-9	SB-9	SB-VAS-1	SB-VAS-1	SB-VAS-2	SB-VAS-2	SB-VAS-2	SB-VAS-3	SB-VAS-3				
Sample Identification	ESLs for Deep Soils >3m bgs, GW IS a Potential Drinking Water Source ⁽¹⁾		ESLs for Deep Soils >3m bgs, GW IS NOT a Potential Drinking Water Source ⁽²⁾		S-17366-111905-MM-001	S-17366-111905-MM-002	S-17366-111905-MM-003	S-17366-111905-MM-004	S-120805-RTS-004	S-120805-RTS-005	S-120805-RTS-006	S-120705-RTS-001	S-120705-RTS-002				
Sample Date	Residential		Commercial/Industrial		11/19/2005	11/19/2005	11/19/2005	11/19/2005	12/8/2005	12/8/2005	12/8/2005	12/7/2005	12/7/2005				
Sample Depth	a		b		c		d		(15-20)	(20-25)	(15-20)	(20-25)	(13-17)	(17-21)	(21-25)	(15-19)	(20-24)
	Units																
TPH																	
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	100	100	500	500	ND(0.95)	ND(0.98)	ND(0.96)	ND(0.99)	2.2	ND(0.99)	3	1.1 J	ND(0.97)			
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	100	100	400	400	--	--	--	--	ND(0.03)U	ND(0.033)U	ND(0.027)U	0.028 J	0.034 J			
Volatile Organic Compounds																	
Bromomethane (Methyl Bromide)	mg/kg	0.22	0.39	0.22	0.51	ND(0.00026)	ND(0.00029)	ND(0.00028)	ND(0.00028)	0.00036 J	0.00053 J	0.00033 J	ND(0.00028)	0.00033 J			
cis-1,2-Dichloroethene	mg/kg	0.19	0.19	1.6	3.6	ND(0.00074)	ND(0.00081)	ND(0.00078)	ND(0.00079)	ND(0.00088)	ND(0.00081)	ND(0.00083)	0.0022 J	ND(0.00081)			
Ethylbenzene	mg/kg	3.3	3.3	32	32	ND(0.00024)	ND(0.00026)	ND(0.00025)	ND(0.00025)	0.00031 J	ND(0.00026)	ND(0.00027)	ND(0.00025)	ND(0.00026)			
Methyl Tert Butyl Ether	mg/kg	0.023	0.023	2	5.6	ND(0.00028)	ND(0.00031)	ND(0.0003)	0.00034 J	ND(0.00098)	ND(0.00091)	ND(0.00093)	ND(0.00086)	ND(0.00091)			
Methylene chloride	mg/kg	0.077	0.077	0.52	1.5	0.006 J	0.0069 J	0.0069 J	0.0072 J	0.0017 J	0.0015 J	0.0021 J	ND(0.0013)	ND(0.0014)			
Tert-Butyl Alcohol	mg/kg	0.073	0.073	110	110	--	--	--	--	ND(0.0053)	ND(0.0057)	ND(0.0049)	ND(0.0051)	0.0051 J			
Toluene	mg/kg	2.9	2.9	9.3	9.3	0.019	0.018	0.012	0.016	0.00082 J	0.00066 J	0.00039 J	0.00041 J	0.00038 J			
1,1,1-Trichloroethane	mg/kg	7.8	7.8	7.8	7.8	ND(0.00054)	ND(0.00059)	ND(0.00056)	ND(0.00057)	ND(0.00064)	ND(0.00059)	ND(0.00061)	0.0013 J	0.00086 J			
Trichloroethene	mg/kg	0.26 ✓	0.46 ✓	0.26 ✓	0.73	ND(0.00063)	ND(0.00069)	0.0017 J	0.0013 J	0.001 J	0.00083 J	ND(0.00071)	0.007	0.0062			
Xylene (total)	mg/kg	2.3	2.3	11	11	ND(0.00073)	ND(0.00079)	ND(0.00076)	ND(0.00077)	0.0014 J	0.0012 J	ND(0.00081)	ND(0.00076)	ND(0.0008)			

Notes:
 (1)San Francisco Bay Region Regional Water Quality Control Board Environmental Screening Levels for Deep Soils (>3m below ground surface) when groundwater is a potential source of drinking water for commercial and industrial land use.
 (2)San Francisco Bay Region Regional Water Quality Control Board Environmental Screening Levels for Deep Soils (>3m below ground surface) when groundwater is not a potential source of drinking water for commercial and industrial land use.
 TPH-DRO - Total Petroleum Hydrocarbons as Diesel Range Organics
 TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics
 VOCs - Volatile Organic Compounds
 PNAs - Polynuclear Aromatic Hydrocarbons
 NC - No Criteria Listed
 ND () - Not present at or above the associated value.
 U - Not present at or above the associated value.
 J - Estimated concentration.
 UJ - Estimated reporting limit.

TABLE 3

SUMMARY OF DETECTED PARAMETERS IN GROUNDWATER SAMPLES
SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

Sample Location	SF Bay RWQCB ESLs for Deep Soils >3m bgs, GW IS a Potential Drinking Water Source (1)	SF Bay RWQCB ESLs for Deep Soils >3m bgs, GW IS NOT a Potential Drinking Water Source (2)	SB-VAS-1 GW-17366-111905-MM-005 11/19/2005 (30-35)	SB-VAS-1 GW-17366-111905-MM-005 11/19/2005 (30-35)	SB-VAS-1 GW-17366-111905-MM-006 11/19/2005 (40-45)	SB-VAS-1 GW-17366-111905-MM-006 11/19/2005 (40-45)	SB-VAS-1 GW-17366-111905-MM-007 11/19/2005 (50-55)	SB-VAS-1 GW-17366-111905-MM-008 11/19/2005 (70-75)	SB-VAS-1 GW-17366-111905-MM-008 11/19/2005 (70-75)	SB-VAS-2 GW-120805-RTS-007 12/8/2005 (30-35)	SB-VAS-2 GW-120805-RTS-008 12/8/2005 (38-43)	SB-VAS-2 GW-120805-RTS-009 12/8/2005 (50-55)	SB-VAS-3 GW-120705-RTS-003 12/7/2005 (50-55)	TRIPBLANK TB-17366-111905-MM-0011 11/19/2005
Sample Identification	a	b												
Sample Date														
Sample Depth														
Units														
Analysis Date (DRO Only)			11/23/2005	1/10/2006	11/23/2005	1/10/2006		11/23/2005	1/10/2006	12/9/2005	12/13/2005	12/9/2005	12/8/2005	--
Total Petroleum Hydrocarbons - extractable (DRO)	ug/L	100	640	690 ^h	73 B	11000 ^h	1500 ^h	630 ^h	81 B	ND(100)U	450 ^h	ND(120)U	ND(88)U	--
Total Petroleum Hydrocarbons - purgeable (GRO)	ug/L	100	500	ND(28)		33 J		72		ND(28)	ND(28)	ND(28)	ND(28)	--
Dioxane														
1,4-Dioxane	ug/L	3	50000	ND(0.31)		ND(0.45)		R		ND(0.29)	ND(0.29)	ND(0.38)	ND(0.23)	--
Volatile Organic Compounds														
Benzene	ug/L	1	46	ND(0.11)		ND(0.11)		ND(0.11)		0.41 J	0.19 J	ND(0.11)	ND(0.11)	ND(0.11)
Bromodichloromethane	ug/L	100	170	ND(0.11)		ND(0.11)		ND(0.11)		0.12 J	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)
2-Chlorotoluene	ug/L			ND(0.22)		ND(0.22)		ND(0.22)		0.83	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)
Dibromochloromethane	ug/L	100	170	ND(0.15)		ND(0.15)		ND(0.15)		0.17 J	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
1,1-Dichloroethane	ug/L	5	47	ND(0.23)		ND(0.23)		ND(0.23)		ND(0.23)	0.28 J	ND(0.23)	ND(0.23)	ND(0.23)
cis-1,2-Dichloroethene	ug/L	6	590	3.3		2.5		2.1		0.6	3.5	ND(0.42)	ND(0.42)	ND(0.42)
trans-1,2-Dichloroethene	ug/L	10	590	ND(0.1)		ND(0.1)		ND(0.1)		ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Ethanol	ug/L	50000	50000	ND(14)		ND(14)		30 J		28 J	ND(14)	ND(14)	ND(14)	--
Methyl Tert Butyl Ether	ug/L	5	1800	10 ^h		12 ^h		9.4 ^h		4.7 J	8.8 ^h	2.7 J	0.38 J	ND(0.27)
Tert-Butyl Methyl Ether	ug/L			0.7		0.58		0.39 J		ND(0.38)	0.67	ND(0.38)	ND(0.38)	--
Tert-Butyl Alcohol	ug/L	12	18000	16 ^h		14 ^h		8.8		7.1	14 ^h	8.6	ND(1.6)	--
Tetrachloroethene	ug/L	5	120	ND(0.13)		ND(0.13)		ND(0.13)		ND(0.13)	0.46 J	0.22 J	ND(0.13)	ND(0.13)
Toluene	ug/L	40	130	ND(0.14)		ND(0.14)		ND(0.14)		26	ND(0.14)	0.16 J	ND(0.14)	ND(0.14)
Trichloroethene	ug/L	5	360	1.8		1.1		0.87		4.3	3.7	ND(0.12)	ND(0.12)	ND(0.12)
Vinyl chloride	ug/L	0.5	3.8	ND(0.23)		ND(0.23)		ND(0.23)		0.66 ^h	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)

Notes:
 (1)San Francisco Bay Region Regional Water Quality Control Board Environmental Screening Levels for Deep Soils (>3m below ground surface) when groundwater is a potential source of drinking water for commercial and industrial land use.
 (2)San Francisco Bay Region Regional Water Quality Control Board Environmental Screening Levels for Deep Soils (>3m below ground surface) when groundwater is not a potential source of drinking water for commercial and industrial land use.
 TPH-DRO - Total Petroleum Hydrocarbons as Diesel Range Organics
 TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics
 VOCs - Volatile Organic Compounds
 NS - No sample analyzed due to broken bottle.
 ug/l - micrograms per liter
 ND () - Not present at or above the associated value.
 B - Sample was analyzed utilizing silica gel cleanup.
 U - Not present at or above the associated value.
 J - Estimated concentration.
 UJ - Estimated reporting limit.
 DRO results for samples analyzed on 1/10/06 are based on silica gel cleanup.

APPENDIX D

Laboratory Analytical Results



**CONESTOGA-ROVERS
& ASSOCIATES**

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MEMORANDUM

TO: Martha Darnton REF. NO.: 17366-208

FROM: Kathy Shaw/lo/1/CT *[Signature]* DATE: February 23, 2006

RE: Data Quality Assessment and Validation
Subsurface Investigation
GM Dealership Saturn of Pleasanton Site - Pleasanton, California

The following details a quality assessment and validation of the analytical data resulting from the November 19 and December 7 and 8, 2005, collection of eight (8) groundwater, nine (9) soil samples and one (1) quality control sample from the GM Dealership Saturn of Pleasanton Site in Pleasanton, California. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at Severn Trent Laboratories, Inc. in San Francisco, California (STL) in accordance with the methodologies presented in Table 2. The quality control criteria used to assess the data were established by the methods.¹

Sample Quantitation

The laboratory reported detected concentrations of volatile organic compounds (VOC), and total petroleum hydrocarbons-diesel range organics (TPH-DRO) below the laboratory's report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless otherwise qualified in this memorandum.

Silica gel clean-up was performed on the remaining extract volume of three (3) samples that had previously been reported with elevated concentrations of TPH-DRO in the C₁₀-C₂₈ carbon range. Silica gel was used to remove potential background interference that may have masked the DRO pattern. Although diesel range organics fall into the C₁₀-C₂₈ carbon range, they also have a distinct pattern of peaks, which must be matched to quantify as diesel. None of the samples analyzed for TPH-DRO exhibited the characteristic DRO pattern before or after the silica gel clean-up and the report concentrations should be reported as "unknown hydrocarbons".

Holding Time Period and Sample Analysis

The holding time periods are presented in Table 2. The samples, as indicated by the sample collection, extraction and analysis dates on the chain-of-custody forms and analytical reports provided by STL, were prepared and analyzed within the required holding time periods.

¹ Application of quality assurance criteria was consistent with "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999.

Method Blank Samples

Contamination of samples contributed by laboratory conditions or procedures was monitored by concurrent preparation and analysis of method blank samples.

The method blank samples were reported to be free from detectable concentrations of target analytes, indicating no laboratory-attributable contamination occurred. The samples presented in Table 3 should be qualified due to laboratory contamination. The remaining method blank samples were reported to be free from detectable levels of target analytes, indicating no additional laboratory-attributable contamination occurred.

Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis

The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) analyses serve as a monitor of the overall performance in all steps of the sample analysis. The LCS percent recoveries were within the laboratory control limits, indicating that an acceptable level of overall performance was achieved.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCSD when a matrix spike/matrix spike duplicate was not analyzed. The RPDs were within the laboratory control limits, indicating that an acceptable level of overall laboratory precision was achieved.

Surrogate Compound Percent Recoveries (Surrogate Recoveries)

Individual sample performance for the organic analyses was monitored by assessing the results of surrogate compound percent recoveries. The sample analyses that violated surrogate acceptance criteria are identified and qualified in Table 4. The surrogate recovery acceptance criteria was met for the remaining samples.

Matrix Spike/Matrix Spike Duplicate Percent Recoveries - Organic Analyses

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The MS/MSD percent recoveries and associate RPDs acceptance criteria were met for all analyses.

Field Quality Assurance/Quality Control

The field quality assurance/quality control consisted of one (1) trip blank sample. To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples. No target analytes were reported as detected in the trip blank sample.

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted with the exception of the following:

- 1,4-Dioxane data was rejected in a sample due to surrogate violations.

TABLE 1

**SAMPLE SUMMARY
SUBSURFACE INVESTIGATION
GM DEALERSHIP SATURN OF PLEASANTON SITE
PLEASANTON, CALIFORNIA**

<i>Sample Identification</i>	<i>Sample Location</i>	<i>Sample Depth</i>	<i>Matrix</i>	<i>QC Sample</i>	<i>Parameters</i>
S-17366-111905-MM-001	SB-9	15-20	Soil		TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-002	SB-9	20-25	Soil		TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-003	SB-VAS-1	15-20	Soil		TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-004	SB-VAS-1	20-25	Soil		TCL VOC, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-005	SB-VAS-1	30-35	Water		TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-006	SB-VAS-1	40-45	Water		TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-007	SB-VAS-1	50-55	Water		TCL VOC, TPH-GRO
GW-17366-111905-MM-008	SB-VAS-1	70-75	Water		TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
TB-17366-111905-MM-011	-	--	Water	Trip Blank	TCL VOC
S-120705-RTS-001	SB-VAS-3	15-19	Soil		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates
S-120705-RTS-002	SB-VAS-3	20-24	Soil		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates
GW-120705-RTS-003	SB-VAS-3	50-55	Water		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates
S-120805-RTS-004	SB-VAS-2	13-17	Soil		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates
S-120805-RTS-005	SB-VAS-2	17-21	Soil		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates
S-120805-RTS-006	SB-VAS-2	21-25	Soil		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates
GW-120805-RTS-007	SB-VAS-2	30-35	Water		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates
GW-120805-RTS-008	SB-VAS-2	38-43	Water		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates
GW-120805-RTS-009	SB-VAS-2	50-55	Water		TCL VOC, TPH-GRO, TPH-DRO, Oxygenates

TCL - Target Compound List

VOC - Volatile Organic Compounds

TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics

QC - Quality Control

ft-bgs - feet below ground surface

Oxygenates include: tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), diisopropyl ether (DIPE) and tertiary butanol (TBA)

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
 SUBSURFACE INVESTIGATION
 GM DEALERSHIP SATURN OF PLEASANTON SITE
 PLEASANTON, CALIFORNIA

<i>Parameter</i>	<i>Method</i>	<i>Matrix</i>	<i>Holding Time</i>	<i>Preservation</i>
TCL VOC, TPH-GRO, Oxygenates	SW-846 8260B	Water	- 14 days from sample collection to completion of analysis.	pH < 2 and Iced, 4 ± 2° C
TCL VOC, TPH-GRO, Oxygenates	SW-846 8260B	Soil	- 48 hours from sample collection to preservation - 14 days from sample preservation to completion of analysis	Iced, 4 ± 2° C
1,4-Dioxane	SW-846 8270C	Water	- 7 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
1,4-Dioxane	SW-846 8270C	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
TPH-DRO	SW-846 8015	Water	- 7 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
TPH-DRO	SW-846 8015	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", 3rd Edition, and Promulgated updates, November 1986

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO
METHOD BLANK CONTAMINATION
SUBSURFACE INVESTIGATION
GM DEALERSHIP SATURN OF PLEASANTON SITE
PLEASANTON, CALIFORNIA

<i>Analysis</i>	<i>Parameters</i>	<i>Associated Samples</i>	<i>Qualified Sample Result</i>
TCL VOC	Acetone	S-17366-111905-MM-001	13 U
		S-17366-111905-MM-002	15 U
		S-17366-111905-MM-003	14 U
		S-17366-111905-MM-004	12 U
TPH-DRO	TPH-DRO	GW-17366-111905-MM-005	73 U
		GW-17366-111905-MM-008	81 U
TPH-DRO	TPH-DRO	GW-120705-RTS-003	88 U
		GW-120805-RTS-007	100 U
		GW-120805-RTS-009	120 U
TPH-GRO	TPH-GRO	S-120805-RTS-004	30 U
		S-120805-RTS-005	33 U
		S-120805-RTS-006	27 U

The analyte should be qualified for the listed samples as:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO
VIOLATION OF SURROGATE PERCENT RECOVERY CRITERIA
SUBSURFACE INVESTIGATION
GM DEALERSHIP SATURN OF PLEASANTON SITE
PLEASANTON, CALIFORNIA

<i>Analysis</i>	<i>Parameter</i>	<i>Associated Samples</i>	<i>Qualifiers</i>
1,4-Dioxane	1,4-Dioxane	GW-17366-111905-MM-008	R

The sample parameter results should be qualified as:

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ANALYTICAL REPORT

Job Number: 720-595-1

Job Description: GM Dealership, Pleasanton

For:

Conestoga-Rovers & Associates, Inc.
14496 Sheldon Road, Suite 200
Plymouth, MI 48170

Attention: Kathy Shaw



Dimple Sharma
Project Manager I
dsharma@stl-inc.com
01/27/2006

cc: Ms. Martha Damton

Non Conformance Summary for job: 720-J595-1

Client: Conestoga-Rovers & Associates, Inc.
Date: 01/27/2006

Semi Volatiles GC Analysis

Other Observation

Due to a limited volume being available, only 500uL of the final extraction solvent (instead of the usual 1000ul) was used in the silica gel clean up procedure. The Reporting limit has been subsequently raised to 100ppb to accommodate this change.

Other Observation

surr low

Semi Volatiles MS Analysis

Matrix problem (not including high analyte content)

[low surrogate recovery & no back up

Affected Items

720-595-6

Volatiles MS

Other Deficiency

The solid samples received were not analyzed for gasoline range organics and Fuel oxygenates due to laboratory error.

Other Deficiency

Samples were analyzed past holding time.

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Description	Lab Location	Method	Preparation Method
-------------	--------------	--------	--------------------

Matrix: Solid

Volatile Organic Compounds by GC/MS (Low Level)	STL-SF	SW846 8260B	
Purge and Trap for Solids	STL-SF		SW846 5030B
Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)	STL-SF	SW846 8270C	
Ultrasonic Extraction	STL-SF		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Ultrasonic Extraction	STL-SF		SW846 3550B
Percent Moisture	STL-SF	EPA 160.3	

Matrix: Water

Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Volatile Organic Compounds by GC/MS (Low Level)	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)	STL-SF	SW846 8270C	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
720-595-1	S-17366-111905-MM-001	Solid	11/19/2005 0955	11/21/2005 1040
720-595-2	S-17366-111905-MM-002	Solid	11/19/2005 1005	11/21/2005 1040
720-595-3	S-17366-111905-MM-003	Solid	11/19/2005 1334	11/21/2005 1040
720-595-4	S-17366-111905-MM-004	Solid	11/19/2005 1340	11/21/2005 1040
720-595-5	GW-17366-111905-MM-00 5	Water	11/19/2005 1430	11/21/2005 1040
720-595-6	GW-17366-111905-MM-00 6	Water	11/19/2005 1510	11/21/2005 1040
720-595-7	GW-17366-111905-MM-00 7	Water	11/19/2005 1600	11/21/2005 1040
720-595-8	GW-17366-111905-MM-00 8	Water	11/19/2005 1735	11/21/2005 1040
720-595-9	TB-17366-111905-MM-001 1	Water	11/19/2005 0000	11/21/2005 1040

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-001

Lab Sample ID: 720-595-1

Date Sampled: 11/19/2005 0955

Client Matrix: Solid % Moisture: 17.2

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-2131	Instrument ID: Latest Chemstation
Preparation: 5030B		Lab File ID: 112105015.D
Dilution: 1.0		Initial Weight/Volume: 5.35 g
Date Analyzed: 11/21/2005 1913		Final Weight/Volume: 10 mL
Date Prepared: 11/21/2005 1913		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		ND		0.28	5.6
Acetone		13	J B	8.4	56
Benzene		ND		0.24	5.6
Dichlorobromomethane		ND		0.43	5.6
Bromobenzene		ND		0.78	5.6
Chlorobromomethane		ND		0.78	23
Bromoform		ND		0.80	5.6
Bromomethane		ND		0.26	11
Methyl Ethyl Ketone		ND		5.5	56
n-Butylbenzene		ND		0.61	5.6
sec-Butylbenzene		ND		0.64	5.6
tert-Butylbenzene		ND		10	5.6
Carbon disulfide		ND		1.2	5.6
Carbon tetrachloride		ND		0.67	5.6
Chlorobenzene		ND		1.4	5.6
Chloroethane		ND		0.95	11
Chloroform		ND		0.61	5.6
Chloromethane		ND		0.27	11
2-Chlorotoluene		ND		0.63	5.6
4-Chlorotoluene		ND		0.89	5.6
Chlorodibromomethane		ND		0.64	5.6
1,2-Dichlorobenzene		ND		0.89	5.6
1,3-Dichlorobenzene		ND		0.68	5.6
1,4-Dichlorobenzene		ND		0.93	5.6
1,3-Dichloropropane		ND		1.2	5.6
1,1-Dichloropropene		ND		0.67	5.6
1,2-Dibromo-3-Chloropropane		ND		0.20	56
Ethylene Dibromide		ND		0.28	5.6
Dibromomethane		ND		0.86	11
Dichlorodifluoromethane		ND		0.92	11
1,1-Dichloroethane		ND		0.71	5.6
1,2-Dichloroethane		ND		0.82	5.6
1,1-Dichloroethene		ND		0.87	5.6
cis-1,2-Dichloroethene		ND		0.74	5.6
trans-1,2-Dichloroethene		ND		0.85	5.6
1,2-Dichloropropane		ND		0.64	5.6
cis-1,3-Dichloropropene		ND		0.52	5.6
trans-1,3-Dichloropropene		ND		0.80	5.6
Ethylbenzene		ND		0.24	5.6
Hexachlorobutadiene		ND		0.14	5.6
2-Hexanone		ND		0.76	56
Isopropylbenzene		ND		0.99	5.6
4-Isopropyltoluene		ND		0.59	5.6

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-001

Lab Sample ID: 720-595-1

Date Sampled: 11/19/2005 0955

Client Matrix: Solid % Moisture: 17.2

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2131	Instrument ID: Latest Chemstation
Preparation:	5030B		Lab File ID: 112105015.D
Dilution:	1.0		Initial Weight/Volume: 5.35 g
Date Analyzed:	11/21/2005 1913		Final Weight/Volume: 10 mL
Date Prepared:	11/21/2005 1913		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methylene Chloride		6.0	J	1.6	11
methyl isobutyl ketone		ND		0.51	56
Naphthalene		ND		1.5	11
N-Propylbenzene		ND		0.64	5.6
Styrene		ND		0.53	5.6
1,1,1,2-Tetrachloroethane		ND		0.72	5.6
1,1,2,2-Tetrachloroethane		ND		0.43	5.6
Tetrachloroethene		ND		1.0	5.6
Toluene		19	B	0.28	5.6
1,2,3-Trichlorobenzene		ND		1.4	5.6
1,2,4-Trichlorobenzene		ND		1.3	5.6
1,1,1-Trichloroethane		ND		0.54	5.6
1,1,2-Trichloroethane		ND		1.1	5.6
Trichloroethene		ND		0.63	5.6
Trichlorofluoromethane		ND		0.81	5.6
1,2,3-Trichloropropane		ND		0.14	5.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	5.6
1,2,4-Trimethylbenzene		ND		0.80	5.6
1,3,5-Trimethylbenzene		ND		0.85	5.6
Vinyl acetate		ND		0.31	56
Vinyl chloride		ND		0.96	5.6
Xylenes, Total		ND		0.73	11
2,2-Dichloropropane		ND		1.1	5.6
Surrogate	%Rec	Acceptance Limits			
4-Bromofluorobenzene	101	60 - 140			
1,2-Dichloroethane-d4	103	60 - 140			
Toluene-d8	95	70 - 130			

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-002

Lab Sample ID: 720-595-2

Date Sampled: 11/19/2005 1005

Client Matrix: Solid % Moisture: 20.3

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-2131	Instrument ID: Latest Chemstation
Preparation: 5030B		Lab File ID: 112105016.D
Dilution: 1.0		Initial Weight/Volume: 5.11 g
Date Analyzed: 11/21/2005 1947		Final Weight/Volume: 10 mL
Date Prepared: 11/21/2005 1947		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		ND		0.31	6.1
Acetone		15	J B	9.1	6.1
Benzene		ND		0.26	6.1
Dichlorobromomethane		ND		0.47	6.1
Bromobenzene		ND		0.85	6.1
Chlorobromomethane		ND		0.85	25
Bromoform		ND		0.87	6.1
Bromomethane		ND		0.29	12
Methyl Ethyl Ketone		ND		6.0	6.1
n-Butylbenzene		ND		0.66	6.1
sec-Butylbenzene		ND		0.70	6.1
tert-Butylbenzene		ND		11	6.1
Carbon disulfide		ND		1.4	6.1
Carbon tetrachloride		ND		0.72	6.1
Chlorobenzene		ND		1.5	6.1
Chloroethane		ND		1.0	12
Chloroform		ND		0.66	6.1
Chloromethane		ND		0.29	12
2-Chlorotoluene		ND		0.69	6.1
4-Chlorotoluene		ND		0.97	6.1
Chlorodibromomethane		ND		0.70	6.1
1,2-Dichlorobenzene		ND		0.97	6.1
1,3-Dichlorobenzene		ND		0.74	6.1
1,4-Dichlorobenzene		ND		1.0	6.1
1,3-Dichloropropane		ND		1.3	6.1
1,1-Dichloropropene		ND		0.72	6.1
1,2-Dibromo-3-Chloropropane		ND		0.22	6.1
Ethylene Dibromide		ND		0.31	6.1
Dibromomethane		ND		0.93	12
Dichlorodifluoromethane		ND		1.0	12
1,1-Dichloroethane		ND		0.77	6.1
1,2-Dichloroethane		ND		0.90	6.1
1,1-Dichloroethene		ND		0.95	6.1
cis-1,2-Dichloroethene		ND		0.81	6.1
trans-1,2-Dichloroethene		ND		0.92	6.1
1,2-Dichloropropane		ND		0.70	6.1
cis-1,3-Dichloropropene		ND		0.56	6.1
trans-1,3-Dichloropropene		ND		0.87	6.1
Ethylbenzene		ND		0.26	6.1
Hexachlorobutadiene		ND		0.16	6.1
2-Hexanone		ND		0.82	6.1
Isopropylbenzene		ND		1.1	6.1
4-Isopropyltoluene		ND		0.64	6.1

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-002

Lab Sample ID: 720-595-2

Date Sampled: 11/19/2005 1005

Client Matrix: Solid % Moisture: 20.3

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2131	Instrument ID: Latest Chemstation
Preparation:	5030B		Lab File ID: 112105016.D
Dilution:	1.0		Initial Weight/Volume: 5.11 g
Date Analyzed:	11/21/2005 1947		Final Weight/Volume: 10 mL
Date Prepared:	11/21/2005 1947		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methylene Chloride		6.9	J	1.7	12
methyl isobutyl ketone		ND		0.56	61
Naphthalene		ND		1.7	12
N-Propylbenzene		ND		0.70	6.1
Styrene		ND		0.58	6.1
1,1,1,2-Tetrachloroethane		ND		0.79	6.1
1,1,2,2-Tetrachloroethane		ND		0.47	6.1
Tetrachloroethene		ND		1.1	6.1
Toluene		18	B	0.31	6.1
1,2,3-Trichlorobenzene		ND		1.5	6.1
1,2,4-Trichlorobenzene		ND		1.4	6.1
1,1,1-Trichloroethane		ND		0.59	6.1
1,1,2-Trichloroethane		ND		1.2	6.1
Trichloroethene		ND		0.69	6.1
Trichlorofluoromethane		ND		0.88	6.1
1,2,3-Trichloropropane		ND		0.15	6.1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	6.1
1,2,4-Trimethylbenzene		ND		0.87	6.1
1,3,5-Trimethylbenzene		ND		0.92	6.1
Vinyl acetate		ND		0.34	61
Vinyl chloride		ND		1.0	6.1
Xylenes, Total		ND		0.79	12
2,2-Dichloropropane		ND		1.2	6.1
<hr/>					
Surrogate	%Rec	Acceptance Limits			
4-Bromofluorobenzene	100	60 - 140			
1,2-Dichloroethane-d4	100	60 - 140			
Toluene-d8	95	70 - 130			

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-003

Lab Sample ID: 720-595-3

Date Sampled: 11/19/2005 1334

Client Matrix: Solid % Moisture: 18.1

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2131	Instrument ID: Latest Chemstation
Preparation:	5030B		Lab File ID: 112105017.D
Dilution:	1.0		Initial Weight/Volume: 5.19 g
Date Analyzed:	11/21/2005 2020		Final Weight/Volume: 10 mL
Date Prepared:	11/21/2005 2020		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		ND		0.30	5.9
Acetone		14	J B	8.7	59
Benzene		ND		0.25	5.9
Dichlorobromomethane		ND		0.45	5.9
Bromobenzene		ND		0.81	5.9
Chlorobromomethane		ND		0.81	24
Bromoform		ND		0.83	5.9
Bromomethane		ND		0.28	12
Methyl Ethyl Ketone		ND		5.7	59
n-Butylbenzene		ND		0.64	5.9
sec-Butylbenzene		ND		0.67	5.9
tert-Butylbenzene		ND		10	5.9
Carbon disulfide		ND		1.3	5.9
Carbon tetrachloride		ND		0.69	5.9
Chlorobenzene		ND		1.4	5.9
Chloroethane		ND		0.99	12
Chloroform		ND		0.64	5.9
Chloromethane		ND		0.28	12
2-Chlorotoluene		ND		0.66	5.9
4-Chlorotoluene		ND		0.93	5.9
Chlorodibromomethane		ND		0.67	5.9
1,2-Dichlorobenzene		ND		0.93	5.9
1,3-Dichlorobenzene		ND		0.71	5.9
1,4-Dichlorobenzene		ND		0.96	5.9
1,3-Dichloropropane		ND		1.3	5.9
1,1-Dichloropropene		ND		0.69	5.9
1,2-Dibromo-3-Chloropropane		ND		0.21	59
Ethylene Dibromide		ND		0.30	5.9
Dibromomethane		ND		0.89	12
Dichlorodifluoromethane		ND		0.96	12
1,1-Dichloroethane		ND		0.74	5.9
1,2-Dichloroethane		ND		0.86	5.9
1,1-Dichloroethene		ND		0.91	5.9
cis-1,2-Dichloroethene		ND		0.78	5.9
trans-1,2-Dichloroethene		ND		0.88	5.9
1,2-Dichloropropane		ND		0.67	5.9
cis-1,3-Dichloropropene		ND		0.54	5.9
trans-1,3-Dichloropropene		ND		0.83	5.9
Ethylbenzene		ND		0.25	5.9
Hexachlorobutadiene		ND		0.15	5.9
2-Hexanone		ND		0.79	59
Isopropylbenzene		ND		1.0	5.9
4-Isopropyltoluene		ND		0.61	5.9

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-003

Lab Sample ID: 720-595-3

Date Sampled: 11/19/2005 1334

Client Matrix: Solid % Moisture: 18.1

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-2131	Instrument ID: Latest Chemstation
Preparation: 5030B		Lab File ID: 112105017.D
Dilution: 1.0		Initial Weight/Volume: 5.19 g
Date Analyzed: 11/21/2005 2020		Final Weight/Volume: 10 mL
Date Prepared: 11/21/2005 2020		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methylene Chloride		6.9	J	1.7	12
methyl isobutyl ketone		ND		0.54	59
Naphthalene		ND		1.6	12
N-Propylbenzene		ND		0.67	5.9
Styrene		ND		0.55	5.9
1,1,1,2-Tetrachloroethane		ND		0.75	5.9
1,1,2,2-Tetrachloroethane		ND		0.45	5.9
Tetrachloroethene		ND		1.1	5.9
Toluene		12	B	0.30	5.9
1,2,3-Trichlorobenzene		ND		1.4	5.9
1,2,4-Trichlorobenzene		ND		1.4	5.9
1,1,1-Trichloroethane		ND		0.56	5.9
1,1,2-Trichloroethane		ND		1.1	5.9
Trichloroethene		1.7	J	0.66	5.9
Trichlorofluoromethane		ND		0.85	5.9
1,2,3-Trichloropropane		ND		0.15	5.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	5.9
1,2,4-Trimethylbenzene		ND		0.83	5.9
1,3,5-Trimethylbenzene		ND		0.88	5.9
Vinyl acetate		ND		0.33	59
Vinyl chloride		ND		1.0	5.9
Xylenes, Total		ND		0.76	12
2,2-Dichloropropane		ND		1.2	5.9

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	102	60 - 140
1,2-Dichloroethane-d4	97	60 - 140
Toluene-d8	94	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-004

Lab Sample ID: 720-595-4

Date Sampled: 11/19/2005 1340

Client Matrix: Solid % Moisture: 20.3

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-2131	Instrument ID: Latest Chemstation
Preparation: 5030B		Lab File ID: 112105018.D
Dilution: 1.0		Initial Weight/Volume: 5.26 g
Date Analyzed: 11/21/2005 2054		Final Weight/Volume: 10 mL
Date Prepared: 11/21/2005 2054		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		0.34	J	0.30	6.0
Acetone		12	J	8.9	60
Benzene		ND		0.25	6.0
Dichlorobromomethane		ND		0.45	6.0
Bromobenzene		ND		0.82	6.0
Chlorobromomethane		ND		0.82	24
Bromoform		ND		0.85	6.0
Bromomethane		ND		0.28	12
Methyl Ethyl Ketone		ND		5.8	60
n-Butylbenzene		ND		0.64	6.0
sec-Butylbenzene		ND		0.68	6.0
tert-Butylbenzene		ND		11	6.0
Carbon disulfide		ND		1.3	6.0
Carbon tetrachloride		ND		0.70	6.0
Chlorobenzene		ND		1.4	6.0
Chloroethane		ND		1.0	12
Chloroform		ND		0.64	6.0
Chloromethane		ND		0.29	12
2-Chlorotoluene		ND		0.67	6.0
4-Chlorotoluene		ND		0.94	6.0
Chlorodibromomethane		ND		0.68	6.0
1,2-Dichlorobenzene		ND		0.94	6.0
1,3-Dichlorobenzene		ND		0.72	6.0
1,4-Dichlorobenzene		ND		0.98	6.0
1,3-Dichloropropane		ND		1.3	6.0
1,1-Dichloropropene		ND		0.70	6.0
1,2-Dibromo-3-Chloropropane		ND		0.21	60
Ethylene Dibromide		ND		0.30	6.0
Dibromomethane		ND		0.91	12
Dichlorodifluoromethane		ND		0.97	12
1,1-Dichloroethane		ND		0.75	6.0
1,2-Dichloroethane		ND		0.87	6.0
1,1-Dichloroethene		ND		0.92	6.0
cis-1,2-Dichloroethene		ND		0.79	6.0
trans-1,2-Dichloroethene		ND		0.89	6.0
1,2-Dichloropropane		ND		0.68	6.0
cis-1,3-Dichloropropene		ND		0.55	6.0
trans-1,3-Dichloropropene		ND		0.85	6.0
Ethylbenzene		ND		0.25	6.0
Hexachlorobutadiene		ND		0.15	6.0
2-Hexanone		ND		0.80	60
Isopropylbenzene		ND		1.0	6.0
4-Isopropyltoluene		ND		0.62	6.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-004

Lab Sample ID: 720-595-4

Date Sampled: 11/19/2005 1340

Client Matrix: Solid % Moisture: 20.3

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2131	Instrument ID: Latest Chemstation
Preparation:	5030B		Lab File ID: 112105018.D
Dilution:	1.0		Initial Weight/Volume: 5.26 g
Date Analyzed:	11/21/2005 2054		Final Weight/Volume: 10 mL
Date Prepared:	11/21/2005 2054		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methylene Chloride		7.2	J	1.7	12
methyl isobutyl ketone		ND		0.54	60
Naphthalene		ND		1.6	12
N-Propylbenzene		ND		0.68	6.0
Styrene		ND		0.56	6.0
1,1,1,2-Tetrachloroethane		ND		0.76	6.0
1,1,2,2-Tetrachloroethane		ND		0.45	6.0
Tetrachloroethene		ND		1.1	6.0
Toluene		16		0.30	6.0
1,2,3-Trichlorobenzene		ND		1.4	6.0
1,2,4-Trichlorobenzene		ND		1.4	6.0
1,1,1-Trichloroethane		ND		0.57	6.0
1,1,2-Trichloroethane		ND		1.2	6.0
Trichloroethene		1.3	J	0.67	6.0
Trichlorofluoromethane		ND		0.86	6.0
1,2,3-Trichloropropane		ND		0.15	6.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	6.0
1,2,4-Trimethylbenzene		ND		0.85	6.0
1,3,5-Trimethylbenzene		ND		0.89	6.0
Vinyl acetate		ND		0.33	60
Vinyl chloride		ND		1.0	6.0
Xylenes, Total		ND		0.77	12
2,2-Dichloropropane		ND		1.2	6.0
Surrogate	%Rec			Acceptance Limits	
4-Bromofluorobenzene	101			60 - 140	
1,2-Dichloroethane-d4	100			60 - 140	
Toluene-d8	95			70 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-005**

Lab Sample ID: 720-595-5

Date Sampled: 11/19/2005 1430

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-2562

Instrument ID: Varian 3900A

Preparation: 5030B

Lab File ID: c:\saturday\data\200512\12

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 12/03/2005 1046

Final Weight/Volume: 10 mL

Date Prepared: 12/03/2005 1046

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethanol	ND		14	100
MTBE	13		0.27	0.50
TAME	0.70		0.38	0.50
TBA	16		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	ND		28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	%Rec		Acceptance Limits	
Toluene-d8				
1,2-Dichloroethane-d4				

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-005**

Lab Sample ID: _720-595-5

Date Sampled: 11/19/2005 1430

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2413	Instrument ID: HP1
Preparation:	5030B		Lab File ID: VA113009.D
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	11/30/2005 1415		Final Weight/Volume: 40 mL
Date Prepared:	11/30/2005 1415		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	10		0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	3.3		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-005**

Lab Sample ID: 720-595-5

Date Sampled: 11/19/2005 1430

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-2413	Instrument ID: HP1	
Preparation: 5030B		Lab File ID: VA113009.D	
Dilution: 1.0		Initial Weight/Volume: 40 mL	
Date Analyzed: 11/30/2005 1415		Final Weight/Volume: 40 mL	
Date Prepared: 11/30/2005 1415			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	1.8		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50
Surrogate	%Rec		Acceptance Limits	
4-Bromofluorobenzene	105		79 - 118	
1,2-Dichloroethane-d4	110		78 - 117	
Toluene-d8	105		77 - 121	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-006**

Lab Sample ID: 720-595-6

Date Sampled: 11/19/2005 1510

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-2562

Instrument ID: Varian 3900A

Preparation: 5030B

Lab File ID: c:\saturnws\data\200512\12

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 12/03/2005 1107

Final Weight/Volume: 10 mL

Date Prepared: 12/03/2005 1107

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethanol	ND		14	100
MTBE	13	*	0.27	0.50
TAME	0.58		0.38	0.50
TBA	14		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	33	J	28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	%Rec		Acceptance Limits	
Toluene-d8	102		77 - 121	
1,2-Dichloroethane-d4	85		73 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-006**

Lab Sample ID: 720-595-6

Date Sampled: 11/19/2005 1510

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2413	Instrument ID: HP1
Preparation:	5030B		Lab File ID: VA113010.D
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	11/30/2005 1451		Final Weight/Volume: 40 mL
Date Prepared:	11/30/2005 1451		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	12		0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	2.5		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: GW-17366-111905-MM-006

Lab Sample ID: 720-595-6

Date Sampled: 11/19/2005 1510

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2413	Instrument ID: HP1
Preparation:	5030B		Lab File ID: VA113010.D
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	11/30/2005 1451		Final Weight/Volume: 40 mL
Date Prepared:	11/30/2005 1451		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	1.1		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	103	79 - 118		
1,2-Dichloroethane-d4	108	78 - 117		
Toluene-d8	107	77 - 121		

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: GW-17366-111905-MM-007

Lab Sample ID: 720-595-7

Date Sampled: 11/19/2005 1600

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-2562

Instrument ID: Varian 3900A

Preparation: 5030B

Lab File ID: c:\saturday\data\200512\12

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 12/03/2005 1129

Final Weight/Volume: 10 mL

Date Prepared: 12/03/2005 1129

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethanol	30	J	14	100
MTBE	8.6	*	0.27	0.50
TAME	0.39	J	0.38	0.50
TBA	8.8		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	ND		28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	%Rec		Acceptance Limits	
Toluene-d8	100		77 - 121	
1,2-Dichloroethane-d4	85		73 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-007**

Lab Sample ID: 720-595-7

Date Sampled: 11/19/2005 1600

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-2413	Instrument ID: HP1	
Preparation: 5030B		Lab File ID: VA113011.D	
Dilution: 1.0		Initial Weight/Volume: 40 mL	
Date Analyzed: 11/30/2005 1526		Final Weight/Volume: 40 mL	
Date Prepared: 11/30/2005 1526			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	9.4		0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	2.1		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-007**

Lab Sample ID: 720-595-7

Date Sampled: 11/19/2005 1600

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-2413	Instrument ID: HP1	
Preparation: 5030B		Lab File ID: VA113011.D	
Dilution: 1.0		Initial Weight/Volume: 40 mL	
Date Analyzed: 11/30/2005 1526		Final Weight/Volume: 40 mL	
Date Prepared: 11/30/2005 1526			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	0.87		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50
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Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	104	79 - 118		
1,2-Dichloroethane-d4	110	78 - 117		
Toluene-d8	106	77 - 121		

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-008**

Lab Sample ID: 720-595-8

Date Sampled: 11/19/2005 1735

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-2562

Instrument ID: Varian 3900A

Preparation: 5030B

Lab File ID: c:\saturday\data\200512\12

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 12/03/2005 1150

Final Weight/Volume: 10 mL

Date Prepared: 12/03/2005 1150

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethanol	28	J	14	100
MTBE	4.8	*	0.27	0.50
TAME	ND		0.38	0.50
TBA	7.1		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	72		28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	%Rec		Acceptance Limits	
Toluene-d8	103		77 - 121	
1,2-Dichloroethane-d4	89		73 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-008**

Lab Sample ID: 720-595-8

Date Sampled: 11/19/2005 1735

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2413	Instrument ID: HP1
Preparation:	5030B		Lab File ID: VA113012.D
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	11/30/2005 1602		Final Weight/Volume: 40 mL
Date Prepared:	11/30/2005 1602		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	4.7	J	0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	0.60		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: GW-17366-111905-MM-008

Lab Sample ID: 720-595-8

Date Sampled: 11/19/2005 1735

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2413	Instrument ID: HP1
Preparation:	5030B		Lab File ID: VA113012.D
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	11/30/2005 1602		Final Weight/Volume: 40 mL
Date Prepared:	11/30/2005 1602		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	26		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	ND		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50
Surrogate	%Rec		Acceptance Limits	
4-Bromofluorobenzene	104		79 - 118	
1,2-Dichloroethane-d4	109		78 - 117	
Toluene-d8	106		77 - 121	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: TB-17366-111905-MM-0011

Lab Sample ID: 720-595-9

Date Sampled: 11/19/2005 0000

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-2413	Instrument ID: HP1	
Preparation: 5030B		Lab File ID: VA113008.D	
Dilution: 1.0		Initial Weight/Volume: 40 mL	
Date Analyzed: 11/30/2005 1339		Final Weight/Volume: 40 mL	
Date Prepared: 11/30/2005 1339			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	ND		0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	ND		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: TB-17366-111905-MM-0011

Lab Sample ID: 720-595-9

Date Sampled: 11/19/2005 0000

Client Matrix: Water

Date Received: 11/21/2005 1040

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-2413	Instrument ID: HP1
Preparation:	5030B		Lab File ID: VA113008.D
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	11/30/2005 1339		Final Weight/Volume: 40 mL
Date Prepared:	11/30/2005 1339		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	ND		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50
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Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	109	79 - 118		
1,2-Dichloroethane-d4	112	78 - 117		
Toluene-d8	106	77 - 121		

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-001

Lab Sample ID: 720-595-1

Date Sampled: 11/19/2005 0955

Client Matrix: Solid % Moisture: 17.2

Date Received: 11/21/2005 1040

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method:	8270C	Analysis Batch:	720-2252	Instrument ID:	Sat 2K1
Preparation:	3550B	Prep Batch:	720-2187	Lab File ID:	d:\data\200511\112605\720-
Dilution:	1.0			Initial Weight/Volume:	30.45 g
Date Analyzed:	11/26/2005 0953			Final Weight/Volume:	1 mL
Date Prepared:	11/23/2005 1257			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dioxane		ND	*	21	24
Surrogate		%Rec		Acceptance Limits	
Nitrobenzene-d5		49		23 - 120	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-002

Lab Sample ID: 720-595-2

Date Sampled: 11/19/2005 1005

Client Matrix: Solid % Moisture: 20.3

Date Received: 11/21/2005 1040

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C Analysis Batch: 720-2252 Instrument ID: Sat 2K1
Preparation: 3550B Prep Batch: 720-2187 Lab File ID: d:\data\200511\112605\720-
Dilution: 1.0 Initial Weight/Volume: 30.15 g
Date Analyzed: 11/26/2005 1009 Final Weight/Volume: 1 mL
Date Prepared: 11/23/2005 1257 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dioxane		ND	*	23	25
Surrogate		%Rec		Acceptance Limits	
Nitrobenzene-d5		58		23 - 120	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-003

Lab Sample ID: 720-595-3

Date Sampled: 11/19/2005 1334

Client Matrix: Solid % Moisture: 18.1

Date Received: 11/21/2005 1040

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method:	8270C	Analysis Batch: 720-2252	Instrument ID:	Sat 2K1
Preparation:	3550B	Prep Batch: 720-2187	Lab File ID:	d:\data\200511\112605\720-
Dilution:	1.0		Initial Weight/Volume:	30.00 g
Date Analyzed:	11/26/2005 1026		Final Weight/Volume:	1 mL
Date Prepared:	11/23/2005 1257		Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dioxane		ND	*	22	24
Surrogate		%Rec		Acceptance Limits	
Nitrobenzene-d5		44		23 - 120	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-004

Lab Sample ID: 720-595-4

Date Sampled: 11/19/2005 1340

Client Matrix: Solid % Moisture: 21.3

Date Received: 11/21/2005 1040

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method:	8270C	Analysis Batch: 720-2252	Instrument ID: Sat 2K1
Preparation:	3550B	Prep Batch: 720-2187	Lab File ID: d:\data\200511\112605\720-
Dilution:	1.0		Initial Weight/Volume: 30.10 g
Date Analyzed:	11/26/2005 1115		Final Weight/Volume: 1 mL
Date Prepared:	11/23/2005 1257		Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dioxane		ND	*	23	25
Surrogate		%Rec		Acceptance Limits	
Nitrobenzene-d5		53		23 - 120	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: GW-17366-111905-MM-005

Lab Sample ID: 720-595-5

Date Sampled: 11/19/2005 1430

Client Matrix: Water

Date Received: 11/21/2005 1040

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method:	8270C	Analysis Batch: 720-2252	Instrument ID:	Sat 2K1
Preparation:	3510C	Prep Batch: 720-2212	Lab File ID:	d:\data\200511\112605\720-
Dilution:	1.0		Initial Weight/Volume:	730 mL
Date Analyzed:	11/26/2005 1220		Final Weight/Volume:	1 mL
Date Prepared:	11/23/2005 1658		Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	ND		0.31	1.4
Surrogate	%Rec		Acceptance Limits	
Nitrobenzene-d5	41		35 - 114	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-006**

Lab Sample ID: 720-595-6

Date Sampled: 11/19/2005 1510

Client Matrix: Water

Date Received: 11/21/2005 1040

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method:	8270C	Analysis Batch: 720-2252	Instrument ID:	Sat 2K1
Preparation:	3510C	Prep Batch: 720-2212	Lab File ID:	d:\data\200511\112605\720-
Dilution:	1.0		Initial Weight/Volume:	510 mL
Date Analyzed:	11/26/2005 1310		Final Weight/Volume:	1 mL
Date Prepared:	11/23/2005 1658		Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	ND		0.45	2.0
Surrogate	%Rec			Acceptance Limits
Nitrobenzene-d5	33	*		35 - 114

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-008**

Lab Sample ID: 720-595-8

Date Sampled: 11/19/2005 1735

Client Matrix: Water

Date Received: 11/21/2005 1040

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method:	8270C	Analysis Batch: 720-2252	Instrument ID:	Sat 2K1
Preparation:	3510C	Prep Batch: 720-2212	Lab File ID:	d:\data\200511\112605\720-
Dilution:	1.0		Initial Weight/Volume:	600 mL
Date Analyzed:	11/26/2005 1326		Final Weight/Volume:	1 mL
Date Prepared:	11/23/2005 1658		Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	ND		0.38	1.7
Surrogate	%Rec			Acceptance Limits
Nitrobenzene-d5	39			35 - 114

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-001

Lab Sample ID: 720-595-1

Date Sampled: 11/19/2005 0955

Client Matrix: Solid % Moisture: 17.2

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-2299	Instrument ID:	HP DRO3
Preparation:	3550B	Prep Batch:	720-2179	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30.14 g
Date Analyzed:	11/23/2005 2004			Final Weight/Volume:	5 mL
Date Prepared:	11/23/2005 1229			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C10-C28		ND		0.95	1.2
Surrogate		%Rec			Acceptance Limits
o-Terphenyl		63			60 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-002

Lab Sample ID: 720-595-2

Date Sampled: 11/19/2005 1005

Client Matrix: Solid % Moisture: 20.3

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2302	Instrument ID:	HP DRO3
Preparation:	3550B	Prep Batch: 720-2273	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.28 g
Date Analyzed:	11/28/2005 1516		Final Weight/Volume:	5 mL
Date Prepared:	11/28/2005 1100		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C10-C28		ND		0.98	1.2
Surrogate		%Rec		Acceptance Limits	
o-Terphenyl		87		60 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-003

Lab Sample ID: 720-595-3

Date Sampled: 11/19/2005 1334

Client Matrix: Solid % Moisture: 18.1

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2302	Instrument ID:	HP DRO3
Preparation:	3550B	Prep Batch: 720-2273	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.29 g
Date Analyzed:	11/28/2005 1543		Final Weight/Volume:	5 mL
Date Prepared:	11/28/2005 1100		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C10-C28		ND		0.96	1.2
Surrogate		%Rec		Acceptance Limits	
o-Terphenyl		85		60 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: S-17366-111905-MM-004

Lab Sample ID: 720-595-4

Date Sampled: 11/19/2005 1340

Client Matrix: Solid

% Moisture: 21.3

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2302	Instrument ID:	HP DRO3
Preparation:	3550B	Prep Batch: 720-2273	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.44 g
Date Analyzed:	11/28/2005 1610		Final Weight/Volume:	5 mL
Date Prepared:	11/28/2005 1100		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C10-C28		ND		0.99	1.3
Surrogate		%Rec		Acceptance Limits	
o-Terphenyl		76		60 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-005**

Lab Sample ID: 720-595-5

Date Sampled: 11/19/2005 1430

Client Matrix: Water

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2215	Instrument ID:	Varian DRO1
Preparation:	3510C	Prep Batch: 720-2095	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	11/23/2005 1238		Final Weight/Volume:	1 mL
Date Prepared:	11/22/2005 0904		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C10-C28	690		13	50
Surrogate	%Rec		Acceptance Limits	
o-Terphenyl	79		60 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-006**

Lab Sample ID: 720-595-6

Date Sampled: 11/19/2005 1510

Client Matrix: Water

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2215	Instrument ID:	Varian DRO1
Preparation:	3510C	Prep Batch: 720-2095	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	11/23/2005 1305		Final Weight/Volume:	1 mL
Date Prepared:	11/22/2005 0904		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C10-C28	11000		13	50
Surrogate	%Rec		Acceptance Limits	
o-Terphenyl	75		60 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Client Sample ID: **GW-17366-111905-MM-008**

Lab Sample ID: 720-595-8

Date Sampled: 11/19/2005 1735

Client Matrix: Water

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2215	Instrument ID:	Varian DRO1
Preparation:	3510C	Prep Batch: 720-2095	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	11/23/2005 1358		Final Weight/Volume:	1 mL
Date Prepared:	11/22/2005 0904		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C10-C28	630		13	50
Surrogate	%Rec		Acceptance Limits	
o-Terphenyl	80		60 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

General Chemistry

Client Sample ID: S-17366-111905-MM-001

Lab Sample ID: 720-595-1
Client Matrix: Solid

Date Sampled: 11/19/2005 0955
Date Received: 11/21/2005 1040

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	17		%	0	0.010	1.0	160.3
	Any Batch: 720-2096		Date Analyzed 11/22/2005 0918				

Client Sample ID: S-17366-111905-MM-002

Lab Sample ID: 720-595-2
Client Matrix: Solid

Date Sampled: 11/19/2005 1005
Date Received: 11/21/2005 1040

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	20		%	0	0.010	1.0	160.3
	Any Batch: 720-2096		Date Analyzed 11/22/2005 0918				

Client Sample ID: S-17366-111905-MM-003

Lab Sample ID: 720-595-3
Client Matrix: Solid

Date Sampled: 11/19/2005 1334
Date Received: 11/21/2005 1040

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	18		%	0	0.010	1.0	160.3
	Any Batch: 720-2096		Date Analyzed 11/22/2005 0918				

Client Sample ID: S-17366-111905-MM-004

Lab Sample ID: 720-595-4
Client Matrix: Solid

Date Sampled: 11/19/2005 1340
Date Received: 11/21/2005 1040

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	21		%	0	0.010	1.0	160.3
	Any Batch: 720-2096		Date Analyzed 11/22/2005 0918				
Percent Moisture	20		%	0	0.010	1.0	160.3
	Any Batch: 720-2096		Date Analyzed 11/22/2005 0918				

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
GC/MS VOA	B	Compound was found in the blank and sample.
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-2131				
LCS 720-2131/1	Lab Control Spike	Solid	8260B	
MB 720-2131/2	Method Blank	Solid	8260B	
720-595-1	S-17366-111905-MM-001	Solid	8260B	
720-595-2	S-17366-111905-MM-002	Solid	8260B	
720-595-3	S-17366-111905-MM-003	Solid	8260B	
720-595-4	S-17366-111905-MM-004	Solid	8260B	
Analysis Batch:720-2413				
LCS 720-2413/1	Lab Control Spike	Water	8260B	
MB 720-2413/2	Method Blank	Water	8260B	
720-595-5	GW-17366-111905-MM-005	Water	8260B	
720-595-6	GW-17366-111905-MM-006	Water	8260B	
720-595-7	GW-17366-111905-MM-007	Water	8260B	
720-595-8	GW-17366-111905-MM-008	Water	8260B	
720-595-9	TB-17366-111905-MM-0011	Water	8260B	
Analysis Batch:720-2562				
LCS 720-2562/21	Lab Control Spike	Water	8260B	
LCSD 720-2562/20	Lab Control Spike Duplicate	Water	8260B	
MB 720-2562/22	Method Blank	Water	8260B	
720-595-5	GW-17366-111905-MM-005	Water	8260B	
720-595-6	GW-17366-111905-MM-006	Water	8260B	
720-595-7	GW-17366-111905-MM-007	Water	8260B	
720-595-8	GW-17366-111905-MM-008	Water	8260B	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS Semi VOA				
Prep Batch: 720-2187				
LCS 720-2187/2-A	Lab Control Spike	Solid	3550B	
LCSD 720-2187/3-A	Lab Control Spike Duplicate	Solid	3550B	
MB 720-2187/1-A	Method Blank	Solid	3550B	
720-595-1	S-17366-111905-MM-001	Solid	3550B	
720-595-2	S-17366-111905-MM-002	Solid	3550B	
720-595-2MS	Matrix Spike	Solid	3550B	
720-595-2MSD	Matrix Spike Duplicate	Solid	3550B	
720-595-3	S-17366-111905-MM-003	Solid	3550B	
720-595-4	S-17366-111905-MM-004	Solid	3550B	
Prep Batch: 720-2212				
LCS 720-2212/2-A	Lab Control Spike	Water	3510C	
LCSD 720-2212/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-2212/1-A	Method Blank	Water	3510C	
720-595-5	GW-17366-111905-MM-005	Water	3510C	
720-595-6	GW-17366-111905-MM-006	Water	3510C	
720-595-8	GW-17366-111905-MM-008	Water	3510C	
Analysis Batch: 720-2252				
LCS 720-2187/2-A	Lab Control Spike	Solid	8270C	720-2187
LCSD 720-2187/3-A	Lab Control Spike Duplicate	Solid	8270C	720-2187
MB 720-2187/1-A	Method Blank	Solid	8270C	720-2187
720-595-1	S-17366-111905-MM-001	Solid	8270C	720-2187
720-595-2	S-17366-111905-MM-002	Solid	8270C	720-2187
720-595-2MS	Matrix Spike	Solid	8270C	720-2187
720-595-2MSD	Matrix Spike Duplicate	Solid	8270C	720-2187
720-595-3	S-17366-111905-MM-003	Solid	8270C	720-2187
720-595-4	S-17366-111905-MM-004	Solid	8270C	720-2187
Analysis Batch: 720-2252				
LCS 720-2212/2-A	Lab Control Spike	Water	8270C	720-2212
LCSD 720-2212/3-A	Lab Control Spike Duplicate	Water	8270C	720-2212
MB 720-2212/1-A	Method Blank	Water	8270C	720-2212
720-595-5	GW-17366-111905-MM-005	Water	8270C	720-2212
720-595-6	GW-17366-111905-MM-006	Water	8270C	720-2212
720-595-8	GW-17366-111905-MM-008	Water	8270C	720-2212

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Prep Batch: 720-2095				
LCS 720-2095/2-A	Lab Control Spike	Water	3510C	
LCSD 720-2095/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-2095/1-A	Method Blank	Water	3510C	
720-595-5	GW-17366-111905-MM-005	Water	3510C	
720-595-6	GW-17366-111905-MM-006	Water	3510C	
720-595-8	GW-17366-111905-MM-008	Water	3510C	
Prep Batch: 720-2179				
LCS 720-2179/2-A	Lab Control Spike	Solid	3550B	
LCSD 720-2179/3-A	Lab Control Spike Duplicate	Solid	3550B	
MB 720-2179/1-A	Method Blank	Solid	3550B	
720-595-1	S-17366-111905-MM-001	Solid	3550B	
720-595-1MS	Matrix Spike	Solid	3550B	
720-595-1MSD	Matrix Spike Duplicate	Solid	3550B	
Prep Batch: 720-2273				
LCS 720-2273/2-A	Lab Control Spike	Solid	3550B	
LCSD 720-2273/3-A	Lab Control Spike Duplicate	Solid	3550B	
MB 720-2273/1-A	Method Blank	Solid	3550B	
720-595-2	S-17366-111905-MM-002	Solid	3550B	
720-595-3	S-17366-111905-MM-003	Solid	3550B	
720-595-4	S-17366-111905-MM-004	Solid	3550B	
Analysis Batch:720-2215				
LCS 720-2095/2-A	Lab Control Spike	Water	8015B	720-2095
LCSD 720-2095/3-A	Lab Control Spike Duplicate	Water	8015B	720-2095
MB 720-2095/1-A	Method Blank	Water	8015B	720-2095
720-595-5	GW-17366-111905-MM-005	Water	8015B	720-2095
720-595-6	GW-17366-111905-MM-006	Water	8015B	720-2095
720-595-8	GW-17366-111905-MM-008	Water	8015B	720-2095
Analysis Batch:720-2299				
LCS 720-2179/2-A	Lab Control Spike	Solid	8015B	720-2179
LCSD 720-2179/3-A	Lab Control Spike Duplicate	Solid	8015B	720-2179
MB 720-2179/1-A	Method Blank	Solid	8015B	720-2179
720-595-1	S-17366-111905-MM-001	Solid	8015B	720-2179
720-595-1MS	Matrix Spike	Solid	8015B	720-2179
720-595-1MSD	Matrix Spike Duplicate	Solid	8015B	720-2179
Analysis Batch:720-2302				
LCS 720-2273/2-A	Lab Control Spike	Solid	8015B	720-2273
LCSD 720-2273/3-A	Lab Control Spike Duplicate	Solid	8015B	720-2273
MB 720-2273/1-A	Method Blank	Solid	8015B	720-2273
720-595-2	S-17366-111905-MM-002	Solid	8015B	720-2273
720-595-3	S-17366-111905-MM-003	Solid	8015B	720-2273
720-595-4	S-17366-111905-MM-004	Solid	8015B	720-2273

STL San Francisco

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:720-2096				
MB 720-2096/1	Method Blank	Solid	160.3	
720-595-1	S-17366-111905-MM-001	Solid	160.3	
720-595-2	S-17366-111905-MM-002	Solid	160.3	
720-595-3	S-17366-111905-MM-003	Solid	160.3	
720-595-4	S-17366-111905-MM-004	Solid	160.3	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2131

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-2131/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/21/2005 1405
Date Prepared: 11/21/2005 1405

Analysis Batch: 720-2131
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Latest Chemstation
Lab File ID: 112105006.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	ND		0.25	5.0
Acetone	36	J	7.4	50
Benzene	0.34	J	0.21	5.0
Dichlorobromomethane	ND		0.38	5.0
Bromobenzene	ND		0.69	5.0
Chlorobromomethane	ND		0.69	20
Bromoform	ND		0.71	5.0
Bromomethane	0.88	J	0.23	10
Methyl Ethyl Ketone	ND		4.9	50
n-Butylbenzene	ND		0.54	5.0
sec-Butylbenzene	ND		0.57	5.0
tert-Butylbenzene	ND		8.9	5.0
Carbon disulfide	ND		1.1	5.0
Carbon tetrachloride	ND		0.59	5.0
Chlorobenzene	ND		1.2	5.0
Chloroethane	ND		0.84	10
Chloroform	ND		0.54	5.0
Chloromethane	ND		0.24	10
2-Chlorotoluene	ND		0.56	5.0
4-Chlorotoluene	ND		0.79	5.0
Chlorodibromomethane	ND		0.57	5.0
1,2-Dichlorobenzene	ND		0.79	5.0
1,3-Dichlorobenzene	ND		0.60	5.0
1,4-Dichlorobenzene	ND		0.82	5.0
1,3-Dichloropropane	ND		1.1	5.0
1,1-Dichloropropene	ND		0.59	5.0
1,2-Dibromo-3-Chloropropane	ND		0.18	50
Ethylene Dibromide	ND		0.25	5.0
Dibromomethane	ND		0.76	10
Dichlorodifluoromethane	ND		0.82	10
1,1-Dichloroethane	ND		0.63	5.0
1,2-Dichloroethane	3.6	J	0.73	5.0
1,1-Dichloroethene	ND		0.77	5.0
cis-1,2-Dichloroethene	ND		0.66	5.0
trans-1,2-Dichloroethene	ND		0.75	5.0
1,2-Dichloropropane	ND		0.57	5.0
cis-1,3-Dichloropropene	ND		0.46	5.0
trans-1,3-Dichloropropene	ND		0.71	5.0
Ethylbenzene	ND		0.21	5.0
Hexachlorobutadiene	ND		0.13	5.0
2-Hexanone	1.7	J	0.67	50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2131

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-2131/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/21/2005 1405
Date Prepared: 11/21/2005 1405

Analysis Batch: 720-2131
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Latest Chemstation
Lab File ID: 112105006.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		0.88	5.0
4-Isopropyltoluene	ND		0.52	5.0
Methylene Chloride	ND		1.4	10
methyl isobutyl ketone	0.57	J	0.46	50
Naphthalene	ND		1.4	10
N-Propylbenzene	ND		0.57	5.0
Styrene	ND		0.47	5.0
1,1,1,2-Tetrachloroethane	ND		0.64	5.0
1,1,2,2-Tetrachloroethane	ND		0.38	5.0
Tetrachloroethene	ND		0.91	5.0
Toluene	0.45	J	0.25	5.0
1,2,3-Trichlorobenzene	ND		1.2	5.0
1,2,4-Trichlorobenzene	ND		1.2	5.0
1,1,1-Trichloroethane	ND		0.48	5.0
1,1,2-Trichloroethane	ND		0.97	5.0
Trichloroethene	ND		0.56	5.0
Trichlorofluoromethane	ND		0.72	5.0
1,2,3-Trichloropropane	ND		0.13	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.90	5.0
1,2,4-Trimethylbenzene	ND		0.71	5.0
1,3,5-Trimethylbenzene	ND		0.75	5.0
Vinyl acetate	ND		0.28	50
Vinyl chloride	ND		0.85	5.0
Xylenes, Total	ND		0.65	10
2,2-Dichloropropane	ND		0.98	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	60 - 140
1,2-Dichloroethane-d4	99	60 - 140
Toluene-d8	95	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Laboratory Control Sample - Batch: 720-2131

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-2131/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/21/2005 1331
Date Prepared: 11/21/2005 1331

Analysis Batch: 720-2131
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Latest Chemstation
Lab File ID: 112105005.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	100	92	92	69 - 129	B
Chlorobenzene	100	91	91	61 - 121	
1,1-Dichloroethene	100	93	93	65 - 125	
Toluene	100	89	89	70 - 130	B
Trichloroethene	100	90	90	74 - 134	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		98		60 - 140	
1,2-Dichloroethane-d4		101		60 - 140	
Toluene-d8		94		70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2413

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-2413/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2005 1042
Date Prepared: 11/30/2005 1042

Analysis Batch: 720-2413
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA113003.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	ND		0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	ND		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2413

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-2413/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2005 1042
Date Prepared: 11/30/2005 1042

Analysis Batch: 720-2413
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA113003.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	ND		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	108	79 - 118
1,2-Dichloroethane-d4	106	78 - 117
Toluene-d8	106	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Laboratory Control Sample - Batch: 720-2413

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-2413/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/30/2005 1007
Date Prepared: 11/30/2005 1007

Analysis Batch: 720-2413
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA113002.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	18	90	69 - 129	
Chlorobenzene	20.0	18	89	61 - 121	
1,1-Dichloroethene	20.0	18	90	65 - 125	
Toluene	20.0	19	93	70 - 130	
Trichloroethene	20.0	18	90	74 - 134	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		109		79 - 118	
1,2-Dichloroethane-d4		100		78 - 117	
Toluene-d8		105		77 - 121	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2562

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-2562/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 0948
Date Prepared: 12/03/2005 0948

Analysis Batch: 720-2562
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200512\12
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Ethanol	ND		14	100
MTBE	ND		0.27	0.50
TAME	ND		0.38	0.50
TBA	ND		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	ND		28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	% Rec		Acceptance Limits	
Toluene-d8	100		77 - 121	
1,2-Dichloroethane-d4	86		73 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2562**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-2562/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 0905
Date Prepared: 12/03/2005 0905

Analysis Batch: 720-2562
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\satumws\data\200512\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-2562/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 0926
Date Prepared: 12/03/2005 0926

Analysis Batch: 720-2562
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\satumws\data\200512\120
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	101	95	69 - 129	5	25		
MTBE	106	102	65 - 165	4	25		
Toluene	105	100	70 - 130	5	25		
Surrogate	% Rec		% Rec		Acceptance Limits		
Toluene-d8	102		106		77 - 121		
1,2-Dichloroethane-d4	76		81		73 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2187

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 720-2187/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/26/2005 0904
Date Prepared: 11/23/2005 1257

Analysis Batch: 720-2252
Prep Batch: 720-2187
Units: ug/Kg

Instrument ID: Sat 2K1
Lab File ID: d:\data\200511\112605\MB
Initial Weight/Volume: 30.20 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	ND		18	20
Surrogate	% Rec		Acceptance Limits	
Nitrobenzene-d5	81		23 - 120	

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2187**

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID: LCS 720-2187/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/26/2005 0920
Date Prepared: 11/23/2005 1257

Analysis Batch: 720-2252
Prep Batch: 720-2187
Units: ug/Kg

Instrument ID: Sat 2K1
Lab File ID: d:\data\200511\112605\LC
Initial Weight/Volume: 30.20 g
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 720-2187/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/26/2005 0937
Date Prepared: 11/23/2005 1257

Analysis Batch: 720-2252
Prep Batch: 720-2187
Units: ug/Kg

Instrument ID: Sat 2K1
Lab File ID: d:\data\200511\112605\LCSD
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	41	65	30 - 115	46	35		*
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Nitrobenzene-d5	88		77		23 - 120		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-2187**

**Method: 8270C
Preparation: 3550B**

MS Lab Sample ID: 720-595-2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/26/2005 1042
Date Prepared: 11/23/2005 1257

Analysis Batch: 720-2252
Prep Batch: 720-2187

Instrument ID: Sat 2K1
Lab File ID: d:\data\200511\112605\7;
Initial Weight/Volume: 30.33 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 720-595-2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/26/2005 1059
Date Prepared: 11/23/2005 1257

Analysis Batch: 720-2252
Prep Batch: 720-2187

Instrument ID: Sat 2K1
Lab File ID: d:\data\200511\112605\72C
Initial Weight/Volume: 30.13 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane							
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
Nitrobenzene-d5		75	48			23 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2212

**Method: 8270C
Preparation: 3510C**

Lab Sample ID: MB 720-2212/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/26/2005 1131
Date Prepared: 11/23/2005 1658

Analysis Batch: 720-2252
Prep Batch: 720-2212
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200511\112605\MB
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	ND		0.23	1.0
Surrogate	% Rec	Acceptance Limits		
Nitrobenzene-d5	73	35 - 114		

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2212**

**Method: 8270C
Preparation: 3510C**

LCS Lab Sample ID: LCS 720-2212/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/26/2005 1148
Date Prepared: 11/23/2005 1658

Analysis Batch: 720-2252
Prep Batch: 720-2212
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200511\112605\LC
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 720-2212/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/26/2005 1204
Date Prepared: 11/23/2005 1658

Analysis Batch: 720-2252
Prep Batch: 720-2212
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200511\112605\LCSD
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	38	41	30 - 150	8	35		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
Nitrobenzene-d5	70		71	35 - 114			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2095

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-2095/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2005 1118
Date Prepared: 11/22/2005 0904

Analysis Batch: 720-2215
Prep Batch: 720-2095
Units: ug/L

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
C10-C28	ND		13	50
Surrogate	% Rec		Acceptance Limits	
o-Terphenyl	79		60 - 130	

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2095**

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-2095/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2005 1145
Date Prepared: 11/22/2005 0904

Analysis Batch: 720-2215
Prep Batch: 720-2095
Units: ug/L

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-2095/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/23/2005 1212
Date Prepared: 11/22/2005 0904

Analysis Batch: 720-2215
Prep Batch: 720-2095
Units:ug/L

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
C10-C28	74	68	60 - 130	8	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
o-Terphenyl	79		81	60 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2179

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-2179/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/23/2005 1843
Date Prepared: 11/23/2005 1229

Analysis Batch: 720-2299
Prep Batch: 720-2179
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.41 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
C10-C28	ND		0.78	0.99

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	71	60 - 130

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2179**

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-2179/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/23/2005 1910
Date Prepared: 11/23/2005 1229

Analysis Batch: 720-2299
Prep Batch: 720-2179
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.20 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-2179/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/23/2005 1937
Date Prepared: 11/23/2005 1229

Analysis Batch: 720-2299
Prep Batch: 720-2179
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.23 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
C10-C28	91	87	60 - 130	5	30		
Surrogate	<u>LCS % Rec</u>		<u>LCSD % Rec</u>		<u>Acceptance Limits</u>		
o-Terphenyl	78	73			60 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-2179**

**Method: 8015B
Preparation: 3550B**

MS Lab Sample ID: 720-595-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/23/2005 2153
Date Prepared: 11/23/2005 1229

Analysis Batch: 720-2299
Prep Batch: 720-2179

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

MSD Lab Sample ID: 720-595-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/23/2005 2220
Date Prepared: 11/23/2005 1229

Analysis Batch: 720-2299
Prep Batch: 720-2179

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.31 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
C10-C28	69	72	60 - 130	4	30		
Surrogate		MS % Rec	MSD % Rec		Acceptance Limits		
o-Terphenyl		67	69		60 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2273

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-2273/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/28/2005 1516
Date Prepared: 11/28/2005 1100

Analysis Batch: 720-2302
Prep Batch: 720-2273
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.17 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
C10-C28	ND		0.79	0.99

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	80	60 - 130

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2273**

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-2273/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/28/2005 1543
Date Prepared: 11/28/2005 1100

Analysis Batch: 720-2302
Prep Batch: 720-2273
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-2273/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/28/2005 1610
Date Prepared: 11/28/2005 1100

Analysis Batch: 720-2302
Prep Batch: 720-2273
Units: mg/Kg

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 30.34 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
C10-C28	97	82	60 - 130	17	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
o-Terphenyl	79		67	60 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Method Blank - Batch: 720-2096

Method: 160.3
Preparation: N/A

Lab Sample ID: MB 720-2096/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/22/2005 0918
Date Prepared: N/A

Analysis Batch: 720-2096
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	MDL	RL
Percent Moisture	ND		0	0.010

Calculations are performed before rounding to avoid round-off errors in calculated results.



CONESTOGA-ROVERS & ASSOCIATES

720-595

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

114693

PAGE 1 OF 1

Required Client Information:

Company: CRA, Inc.	Report To: CRA - Plymouth, MI
Address: 14496 Sheldon Rd.	Copy To: CRA - Lansing, MI
Suite 200	Invoice To: Paul Wiseman
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: Pleasanton Saturn
Fax: 734-453-5201	Project Number: 017366-208-1
Email: pwiseman@craworld.com	

Laboratory: STL - San Francisco
Laboratory Location: Pleasanton, CA
Laboratory Contact: Dimple Sharma
Requested Due Date: TAT: 72 hour
QA/QC Requirements:

ID# No D 0346

SSOW Ref. Code: 17366-208-001

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	Preservative NaOH NaHSO4 H2O	Other: Methanol	Analysis and Method							Remarks/Lab ID
												TPH - DR0	TPH - G-RO	TCL VOCs	X OTHERS	TRIP BLANK			
1. S-17366-111905-MM-001	SO	11-19-05	955	7	1					3	3	X	X	X	X				X OTHERS =
2. -002			1005	7	1					3	3	X	X	X	X				1,4 dioxane
3. -003			1334	7	1					3	3	X	X	X	X				ter-amyl methyl ether
4. -004			1340	7	1					3	3	X	X	X	X				ethyl tert butyl ether
5. GW-005	WG		1430	8	2	6						X	X	X	X				di-isopropyl ether
6. -006			1510	8	2	6						X	X	X	X				t-Butyl Alcohol
7. -007			1600	8	2	6						X	X	X	X				ethanol
8. -008			1735	8	2	6						X	X	X	X				
9. TB-17366-111905-MM-011	WG	11-19-05	-	3	1					1	1	X	X	X	X				TB created in field using distilled water for HCl preserved bottled.
TOTAL NUMBER OF CONTAINERS												63							

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
CRA DROP OFF	2	Marie Mathé / CRA	11/21/05	1040	Jan W. W. W.	11/21/05	1040

Sample Condition	
Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments: master agreement # 30-99-05

Sampler Name: Marie Mathé
 Sampler Signature: MARIE MATHÉ Date: 11/21/05

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-1

Login Number: 595

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	2 ambers received broken for #7 and 1 amber #6
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

ANALYTICAL REPORT

Job Number: 720-595-2

Job Description: GM Dealership, Pleasanton

For:

Conestoga-Rovers & Associates, Inc.
14496 Sheldon Road, Suite 200
Plymouth, MI 48170

Attention: Kathy Shaw



Dimple Sharma
Project Manager I
dsharma@stl-inc.com
01/27/2006

cc: Ms. Martha Darnton

Non Conformance Summary for job: 720-J595-2

Client: Conestoga-Rovers & Associates, Inc.
Date: 01/27/2006

Semi Volatiles GC Analysis

Other Observation

Due to a limited volume being available, only 500uL of the final extraction solvent (instead of the usual 1000ul) was used in the silica gel clean up procedure. The Reporting limit has been subsequently raised to 100ppb to accommodate this change.

Other Observation

The compounds eluting in the C10-C28 range do not match a known hydrocarbon pattern.

Semi Volatiles MS Analysis

Matrix problem (not including high analyte content)

[low surrogate recovery & no back up

Affected Items

720-595-6

Volatiles MS

Other Deficiency

The solid samples received were not analyzed for gasoline range organics and Fuel oxygenates due to laboratory error.

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C
Silica Gel Cleanup	STL-SF		SW846 3630C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-595-5	GW-17366-111905-MM-00 5	Water	11/19/2005 1430	11/21/2005 1040
720-595-6	GW-17366-111905-MM-00 6	Water	11/19/2005 1510	11/21/2005 1040
720-595-8	GW-17366-111905-MM-00 8	Water	11/19/2005 1735	11/21/2005 1040

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

Client Sample ID: GW-17366-111905-MM-005

Lab Sample ID: 720-595-5

Date Sampled: 11/19/2005 1430

Client Matrix: Water

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-4191	Instrument ID:	HP DRO3
Preparation:	3510C	Prep Batch: 720-4179	Lab File ID:	N/A
Dilution:	2.0		Initial Weight/Volume:	250 mL
Date Analyzed:	01/10/2006 1720		Final Weight/Volume:	1 mL
Date Prepared:	01/11/2006 1211		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C10-C28	73	J B	27	100

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	103	60 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

Client Sample ID: GW-17366-111905-MM-006

Lab Sample ID: 720-595-6

Date Sampled: 11/19/2005 1510

Client Matrix: Water

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-4191	Instrument ID:	HP DRO3
Preparation:	3510C	Prep Batch: 720-4179	Lab File ID:	N/A
Dilution:	2.0		Initial Weight/Volume:	250 mL
Date Analyzed:	01/10/2006 1747		Final Weight/Volume:	1 mL
Date Prepared:	01/11/2006 1211		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C10-C28	1500	B	27	100
Surrogate	%Rec			Acceptance Limits
o-Terphenyl	119			60 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

Client Sample ID: GW-17366-111905-MM-008

Lab Sample ID: 720-595-8

Date Sampled: 11/19/2005 1735

Client Matrix: Water

Date Received: 11/21/2005 1040

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-4191	Instrument ID:	HP DRO3
Preparation:	3510C	Prep Batch: 720-4179	Lab File ID:	N/A
Dilution:	2.0		Initial Weight/Volume:	250 mL
Date Analyzed:	01/10/2006 1815		Final Weight/Volume:	1 mL
Date Prepared:	01/11/2006 1211		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C10-C28	81	J B	27	100
Surrogate	%Rec			Acceptance Limits
o-Terphenyl	109			60 - 130

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
GC Semi VOA	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Prep Batch: 720-4179				
LCS 720-4179/2-B	Lab Control Spike	Water	3510C	
LCSD 720-4179/3-B	Lab Control Spike Duplicate	Water	3510C	
MB 720-4179/1-B	Method Blank	Water	3510C	
720-595-5	GW-17366-111905-MM-005	Water	3510C	
720-595-6	GW-17366-111905-MM-006	Water	3510C	
720-595-8	GW-17366-111905-MM-008	Water	3510C	
Analysis Batch: 720-4191				
LCS 720-4179/2-B	Lab Control Spike	Water	8015B	720-4179
LCSD 720-4179/3-B	Lab Control Spike Duplicate	Water	8015B	720-4179
MB 720-4179/1-B	Method Blank	Water	8015B	720-4179
720-595-5	GW-17366-111905-MM-005	Water	8015B	720-4179
720-595-6	GW-17366-111905-MM-006	Water	8015B	720-4179
720-595-8	GW-17366-111905-MM-008	Water	8015B	720-4179

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

Method Blank - Batch: 720-4179

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-4179/1-B
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 01/10/2006 1557
Date Prepared: 01/11/2006 1211

Analysis Batch: 720-4191
Prep Batch: 720-4179
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
C10-C28	75	J	27	100

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	116	60 - 130

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4179**

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-4179/2-B
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 01/10/2006 1624
Date Prepared: 01/11/2006 1211

Analysis Batch: 720-4191
Prep Batch: 720-4179
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-4179/3-B
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 01/10/2006 1652
Date Prepared: 01/11/2006 1211

Analysis Batch: 720-4191
Prep Batch: 720-4179
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
C10-C28	98	94	60 - 130	5	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
o-Terphenyl	107		103	60 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-595-2

Login Number: 595

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	2 ambers received broken for #7 and 1 amber #6
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

ANALYTICAL REPORT

Job Number: 720-880-1

Job Description: GM Dealership, Pleasanton

For:

Conestoga-Rovers & Associates, Inc.
14496 Sheldon Road, Suite 200
Plymouth, MI 48170

Attention: Kathy Shaw



Dimple Sharma
Project Manager I
dsharma@stl-inc.com
12/22/2005

cc: Ms. Martha Darnton

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Description	Lab Location	Method	Preparation Method
-------------	--------------	--------	--------------------

Matrix: Solid

Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge and Trap for Solids	STL-SF		SW846 5030B
Volatile Organic Compounds by GC/MS (Low Level)	STL-SF	SW846 8260B	
Purge and Trap for Solids	STL-SF		SW846 5030B
Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)	STL-SF	SW846 8270C	
Ultrasonic Extraction	STL-SF		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Ultrasonic Extraction	STL-SF		SW846 3550B
Percent Moisture	STL-SF	EPA 160.3	

Matrix: Water

Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Volatile Organic Compounds by GC/MS (Low Level)	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)	STL-SF	SW846 8270C	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-880-1	S-120805-RTS-004	Solid	12/08/2005 1155	12/08/2005 1805
720-880-2	S-120805-RTS-005	Solid	12/08/2005 1200	12/08/2005 1805
720-880-3	S-120805-RTS-006	Solid	12/08/2005 1205	12/08/2005 1805
720-880-4	GW-120805-RTS-007	Water	12/08/2005 1220	12/08/2005 1805
720-880-5	GW-120805-RTS-008	Water	12/08/2005 1400	12/08/2005 1805
720-880-6	GW-120805-RTS-009	Water	12/08/2005 1715	12/08/2005 1805

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-004

Lab Sample ID: 720-880-1

Date Sampled: 12/08/2005 1155

Client Matrix: Solid % Moisture: 25.4

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3266	Instrument ID: Latest Chemstation
Preparation:	5030B		Lab File ID: 121905007.D
Dilution:	1.0		Initial Weight/Volume: 5.01 g
Date Analyzed:	12/19/2005 1253		Final Weight/Volume: 10 mL
Date Prepared:	12/19/2005 1253		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		ND		0.98	6.7
Acetone		ND		9.9	67
Benzene		ND		0.28	6.7
Dichlorobromomethane		ND		0.51	6.7
Bromobenzene		ND		0.92	6.7
Chlorobromomethane		ND		0.92	27
Bromoform		ND		0.95	6.7
Bromomethane		0.36	J	0.31	13
Methyl Ethyl Ketone		ND		6.5	67
n-Butylbenzene		ND		0.72	6.7
sec-Butylbenzene		ND		0.76	6.7
tert-Butylbenzene		ND		1.2	6.7
Carbon disulfide		ND		1.5	6.7
Carbon tetrachloride		ND		0.79	6.7
Chlorobenzene		ND		1.6	6.7
Chloroethane		ND		1.1	13
Chloroform		ND		0.44	6.7
Chloromethane		ND		0.32	13
2-Chlorotoluene		ND		0.75	6.7
4-Chlorotoluene		ND		1.1	6.7
Chlorodibromomethane		ND		0.76	6.7
1,2-Dichlorobenzene		ND		1.1	6.7
1,3-Dichlorobenzene		ND		0.80	6.7
1,4-Dichlorobenzene		ND		1.1	6.7
1,3-Dichloropropane		ND		1.4	6.7
1,1-Dichloropropene		ND		0.79	6.7
1,2-Dibromo-3-Chloropropane		ND		0.24	67
Ethylene Dibromide		ND		0.34	6.7
Dibromomethane		ND		1.0	13
Dichlorodifluoromethane		ND		1.1	13
1,1-Dichloroethane		ND		0.84	6.7
1,2-Dichloroethane		ND		0.98	6.7
1,1-Dichloroethene		ND		1.0	6.7
cis-1,2-Dichloroethene		ND		0.88	6.7
trans-1,2-Dichloroethene		ND		1.0	6.7
1,2-Dichloropropane		ND		0.76	6.7
cis-1,3-Dichloropropene		ND		0.62	6.7
trans-1,3-Dichloropropene		ND		0.95	6.7
Ethylbenzene		0.31	J	0.28	6.7
Hexachlorobutadiene		ND		0.17	6.7
2-Hexanone		ND		0.90	67
Isopropylbenzene		ND		1.2	6.7
4-Isopropyltoluene		ND		0.70	6.7

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-004

Lab Sample ID: 720-880-1

Date Sampled: 12/08/2005 1155

Client Matrix: Solid % Moisture: 25.4

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3266	Instrument ID: Latest Chemstation
Preparation:	5030B		Lab File ID: 121905007.D
Dilution:	1.0		Initial Weight/Volume: 5.01 g
Date Analyzed:	12/19/2005 1253		Final Weight/Volume: 10 mL
Date Prepared:	12/19/2005 1253		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methylene Chloride		1.7	J	1.5	13
methyl isobutyl ketone		ND		0.61	67
Naphthalene		ND		1.8	13
N-Propylbenzene		ND		0.76	6.7
Styrene		ND		0.63	6.7
1,1,1,2-Tetrachloroethane		ND		0.86	6.7
1,1,2,2-Tetrachloroethane		ND		0.51	6.7
Tetrachloroethene		ND		1.2	6.7
Toluene		0.82	J	0.34	6.7
1,2,3-Trichlorobenzene		ND		1.6	6.7
1,2,4-Trichlorobenzene		ND		1.6	6.7
1,1,1-Trichloroethane		ND		0.64	6.7
1,1,2-Trichloroethane		ND		1.3	6.7
Trichloroethene		1.0	J	0.75	6.7
Trichlorofluoromethane		ND		0.96	6.7
1,2,3-Trichloropropane		ND		0.17	6.7
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.2	6.7
1,2,4-Trimethylbenzene		ND		0.95	6.7
1,3,5-Trimethylbenzene		ND		1.0	6.7
Vinyl acetate		ND		0.37	67
Vinyl chloride		ND		1.1	6.7
Xylenes, Total		1.4	J	0.86	13
2,2-Dichloropropane		ND		1.3	6.7

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	109	60 - 140
1,2-Dichloroethane-d4	94	60 - 140
Toluene-d8	100	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-004

Lab Sample ID: 720-880-1

Date Sampled: 12/08/2005 1155

Client Matrix: Solid

% Moisture: 25.4

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-3051

Instrument ID: Saturn 2100

Preparation: 5030B

Lab File ID: d:\data\200512\121405\720-

Dilution: 1.0

Initial Weight/Volume: 5.73 mL

Date Analyzed: 12/14/2005 1248

Final Weight/Volume: 10 mL

Date Prepared: 12/14/2005 1248

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethanol		ND		63	580
TAME		ND		0.53	5.8
TBA		ND		5.3	12
DIPE		ND		0.38	5.8
Gasoline Range Organics (GRO)-C5-C12		30	J	24	1200
Ethyl tert-butyl ether		ND		0.27	5.8
Surrogate		%Rec		Acceptance Limits	
Toluene-d8		93		70 - 130	
1,2-Dichloroethane-d4		87		60 - 140	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-005

Lab Sample ID: 720-880-2

Date Sampled: 12/08/2005 1200

Client Matrix: Solid % Moisture: 20.7

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3266	Instrument ID:	Latest Chemstation
Preparation:	5030B		Lab File ID:	121905008.D
Dilution:	1.0		Initial Weight/Volume:	5.11 g
Date Analyzed:	12/19/2005 1326		Final Weight/Volume:	10 mL
Date Prepared:	12/19/2005 1326			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		ND		0.91	6.2
Acetone		ND		9.2	62
Benzene		ND		0.26	6.2
Dichlorobromomethane		ND		0.47	6.2
Bromobenzene		ND		0.85	6.2
Chlorobromomethane		ND		0.85	25
Bromoform		ND		0.88	6.2
Bromomethane	0.53		J	0.29	12
Methyl Ethyl Ketone		ND		6.0	62
n-Butylbenzene		ND		0.67	6.2
sec-Butylbenzene		ND		0.70	6.2
tert-Butylbenzene		ND		1.1	6.2
Carbon disulfide		ND		1.4	6.2
Carbon tetrachloride		ND		0.73	6.2
Chlorobenzene		ND		1.5	6.2
Chloroethane		ND		1.0	12
Chloroform		ND		0.40	6.2
Chloromethane		ND		0.30	12
2-Chlorotoluene		ND		0.69	6.2
4-Chlorotoluene		ND		0.97	6.2
Chlorodibromomethane		ND		0.70	6.2
1,2-Dichlorobenzene		ND		0.97	6.2
1,3-Dichlorobenzene		ND		0.74	6.2
1,4-Dichlorobenzene		ND		1.0	6.2
1,3-Dichloropropane		ND		1.3	6.2
1,1-Dichloropropene		ND		0.73	6.2
1,2-Dibromo-3-Chloropropane		ND		0.22	62
Ethylene Dibromide		ND		0.31	6.2
Dibromomethane		ND		0.94	12
Dichlorodifluoromethane		ND		1.0	12
1,1-Dichloroethane		ND		0.78	6.2
1,2-Dichloroethane		ND		0.90	6.2
1,1-Dichloroethene		ND		0.95	6.2
cis-1,2-Dichloroethene		ND		0.81	6.2
trans-1,2-Dichloroethene		ND		0.92	6.2
1,2-Dichloropropane		ND		0.70	6.2
cis-1,3-Dichloropropene		ND		0.57	6.2
trans-1,3-Dichloropropene		ND		0.88	6.2
Ethylbenzene		ND		0.26	6.2
Hexachlorobutadiene		ND		0.16	6.2
2-Hexanone		ND		0.83	62
Isopropylbenzene		ND		1.1	6.2
4-Isopropyltoluene		ND		0.64	6.2

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-005

Lab Sample ID: 720-880-2

Date Sampled: 12/08/2005 1200

Client Matrix: Solid % Moisture: 20.7

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3266	Instrument ID: Latest Chemstation
Preparation:	5030B		Lab File ID: 121905008.D
Dilution:	1.0		Initial Weight/Volume: 5.11 g
Date Analyzed:	12/19/2005 1326		Final Weight/Volume: 10 mL
Date Prepared:	12/19/2005 1326		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methylene Chloride		1.5	J	1.4	12
methyl isobutyl ketone		ND		0.56	62
Naphthalene		ND		1.7	12
N-Propylbenzene		ND		0.70	6.2
Styrene		ND		0.58	6.2
1,1,1,2-Tetrachloroethane		ND		0.79	6.2
1,1,2,2-Tetrachloroethane		ND		0.47	6.2
Tetrachloroethene		ND		1.1	6.2
Toluene		0.66	J	0.31	6.2
1,2,3-Trichlorobenzene		ND		1.5	6.2
1,2,4-Trichlorobenzene		ND		1.5	6.2
1,1,1-Trichloroethane		ND		0.59	6.2
1,1,2-Trichloroethane		ND		1.2	6.2
Trichloroethene		0.83	J	0.69	6.2
Trichlorofluoromethane		ND		0.89	6.2
1,2,3-Trichloropropane		ND		0.16	6.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	6.2
1,2,4-Trimethylbenzene		ND		0.88	6.2
1,3,5-Trimethylbenzene		ND		0.92	6.2
Vinyl acetate		ND		0.34	62
Vinyl chloride		ND		1.0	6.2
Xylenes, Total		1.2	J	0.80	12
2,2-Dichloropropane		ND		1.2	6.2

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	111	60 - 140
1,2-Dichloroethane-d4	95	60 - 140
Toluene-d8	101	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-005

Lab Sample ID: 720-880-2

Date Sampled: 12/08/2005 1200

Client Matrix: Solid % Moisture: 20.7

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-3051

Instrument ID: Saturn 2100

Preparation: 5030B

Lab File ID: d:\data\200512\121405\720-

Dilution: 1.0

Initial Weight/Volume: 5.00 mL

Date Analyzed: 12/14/2005 1314

Final Weight/Volume: 10 mL

Date Prepared: 12/14/2005 1314

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethanol		ND		68	630
TAME		ND		0.57	6.3
TBA		ND		5.7	13
DIPE		ND		0.41	6.3
Gasoline Range Organics (GRO)-C5-C12		33	J	26	1300
Ethyl tert-butyl ether		ND		0.30	6.3

Surrogate	%Rec	Acceptance Limits
Toluene-d8	97	70 - 130
1,2-Dichloroethane-d4	82	60 - 140

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: **S-120805-RTS-006**

Lab Sample ID: 720-880-3

Date Sampled: 12/08/2005 1205

Client Matrix: Solid % Moisture: 21.3

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-3266	Instrument ID: Latest Chemstation	
Preparation: 5030B		Lab File ID: 121905009.D	
Dilution: 1.0		Initial Weight/Volume: 5.04 g	
Date Analyzed: 12/19/2005 1400		Final Weight/Volume: 10 mL	
Date Prepared: 12/19/2005 1400			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		ND	*	0.93	6.3
Acetone		ND		9.4	63
Benzene		ND		0.27	6.3
Dichlorobromomethane		ND		0.48	6.3
Bromobenzene		ND		0.87	6.3
Chlorobromomethane		ND		0.87	25
Bromoform		ND		0.89	6.3
Bromomethane		0.33	J B	0.29	13
Methyl Ethyl Ketone		ND		6.1	63
n-Butylbenzene		ND		0.68	6.3
sec-Butylbenzene		ND		0.72	6.3
tert-Butylbenzene		ND		1.1	6.3
Carbon disulfide		ND		1.4	6.3
Carbon tetrachloride		ND		0.74	6.3
Chlorobenzene		ND		1.5	6.3
Chloroethane		ND		1.1	13
Chloroform		ND		0.41	6.3
Chloromethane		ND		0.30	13
2-Chlorotoluene		ND		0.71	6.3
4-Chlorotoluene		ND		1.0	6.3
Chlorodibromomethane		ND		0.72	6.3
1,2-Dichlorobenzene		ND		1.0	6.3
1,3-Dichlorobenzene		ND		0.76	6.3
1,4-Dichlorobenzene		ND		1.0	6.3
1,3-Dichloropropane		ND		1.3	6.3
1,1-Dichloropropene		ND		0.74	6.3
1,2-Dibromo-3-Chloropropane		ND		0.22	63
Ethylene Dibromide		ND		0.32	6.3
Dibromomethane		ND		0.96	13
Dichlorodifluoromethane		ND		1.0	13
1,1-Dichloroethane		ND		0.79	6.3
1,2-Dichloroethane		ND		0.92	6.3
1,1-Dichloroethene		ND		0.97	6.3
cis-1,2-Dichloroethene		ND		0.83	6.3
trans-1,2-Dichloroethene		ND		0.95	6.3
1,2-Dichloropropane		ND		0.72	6.3
cis-1,3-Dichloropropene		ND		0.58	6.3
trans-1,3-Dichloropropene		ND		0.89	6.3
Ethylbenzene		ND		0.27	6.3
Hexachlorobutadiene		ND		0.16	6.3
2-Hexanone		ND		0.85	63
Isopropylbenzene		ND		1.1	6.3
4-Isopropyltoluene		ND		0.66	6.3

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-006

Lab Sample ID: 720-880-3

Date Sampled: 12/08/2005 1205

Client Matrix: Solid % Moisture: 21.3

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-3266	Instrument ID: Latest Chemstation
Preparation: 5030B		Lab File ID: 121905009.D
Dilution: 1.0		Initial Weight/Volume: 5.04 g
Date Analyzed: 12/19/2005 1400		Final Weight/Volume: 10 mL
Date Prepared: 12/19/2005 1400		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methylene Chloride		2.1	J	1.4	13
methyl isobutyl ketone		ND		0.57	63
Naphthalene		ND		1.7	13
N-Propylbenzene		ND		0.72	6.3
Styrene		ND		0.59	6.3
1,1,1,2-Tetrachloroethane		ND		0.81	6.3
1,1,2,2-Tetrachloroethane		ND		0.48	6.3
Tetrachloroethene		ND		1.1	6.3
Toluene		0.39	J B	0.32	6.3
1,2,3-Trichlorobenzene		ND		1.5	6.3
1,2,4-Trichlorobenzene		ND		1.5	6.3
1,1,1-Trichloroethane		ND		0.61	6.3
1,1,2-Trichloroethane		ND		1.2	6.3
Trichloroethene		ND		0.71	6.3
Trichlorofluoromethane		ND		0.91	6.3
1,2,3-Trichloropropane		ND		0.16	6.3
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	6.3
1,2,4-Trimethylbenzene		ND		0.89	6.3
1,3,5-Trimethylbenzene		ND		0.95	6.3
Vinyl acetate		ND		0.35	63
Vinyl chloride		ND		1.1	6.3
Xylenes, Total		ND		0.81	13
2,2-Dichloropropane		ND		1.2	6.3

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	109	60 - 140
1,2-Dichloroethane-d4	100	60 - 140
Toluene-d8	101	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-006

Lab Sample ID: 720-880-3

Date Sampled: 12/08/2005 1205

Client Matrix: Solid

% Moisture: 21.3

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-3051

Instrument ID: Saturn 2100

Preparation: 5030B

Lab File ID: d:\data\200512\121405\720-

Dilution: 1.0

Initial Weight/Volume: 5.88 mL

Date Analyzed: 12/14/2005 1340

Final Weight/Volume: 10 mL

Date Prepared: 12/14/2005 1340

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Ethanol		ND		59	540
TAME		ND		0.49	5.4
TBA		ND		4.9	11
DIPE		ND		0.36	5.4
Gasoline Range Organics (GRO)-C5-C12		27	J	23	1100
Ethyl tert-butyl ether		ND		0.25	5.4
Surrogate		%Rec		Acceptance Limits	
Toluene-d8		95		70 - 130	
1,2-Dichloroethane-d4		89		60 - 140	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: GW-120805-RTS-007

Lab Sample ID: 720-880-4

Date Sampled: 12/08/2005 1220

Client Matrix: Water

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-3380

Instrument ID: Varian 3900E

Preparation: 5030B

Lab File ID: C:\VarianWS\data\720-880-

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 12/21/2005 1220

Final Weight/Volume: 10 mL

Date Prepared: 12/21/2005 1220

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethanol	ND		14	100
TAME	0.67		0.38	0.50
TBA	14		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	ND		28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	%Rec		Acceptance Limits	
Toluene-d8	101		77 - 121	
1,2-Dichloroethane-d4	110		73 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: GW-120805-RTS-007

Lab Sample ID: 720-880-4
Client Matrix: Water

Date Sampled: 12/08/2005 1220
Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3270	Instrument ID: HP1
Preparation:	5030B		Lab File ID: VA121904.D
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	12/19/2005 1117		Final Weight/Volume: 40 mL
Date Prepared:	12/19/2005 1117		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	20	*	0.27	5.0
Acetone	ND		18	50
Benzene	0.41	J	0.11	0.50
Dichlorobromomethane	0.12	J	0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	0.83		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	0.17	J	0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	11		0.42	0.50
trans-1,2-Dichloroethene	0.15	J	0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: **GW-120805-RTS-007**

Lab Sample ID: 720-880-4

Date Sampled: 12/08/2005 1220

Client Matrix: Water

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3270	Instrument ID: HP1
Preparation:	5030B		Lab File ID: VA121904.D
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	12/19/2005 1117		Final Weight/Volume: 40 mL
Date Prepared:	12/19/2005 1117		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	0.46	J	0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	4.3		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	0.66		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	107	79 - 118
1,2-Dichloroethane-d4	101	78 - 117
Toluene-d8	108	77 - 121

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: **GW-120805-RTS-008**

Lab Sample ID: 720-880-5

Date Sampled: 12/08/2005 1400

Client Matrix: Water

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-3380

Instrument ID: Varian 3900E

Preparation: 5030B

Lab File ID: C:\VarianWS\data\720-880-

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 12/21/2005 1239

Final Weight/Volume: 10 mL

Date Prepared: 12/21/2005 1239

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethanol	ND		14	100
TAME	ND		0.38	0.50
TBA	8.6		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	ND		28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	%Rec		Acceptance Limits	
Toluene-d8	104		77 - 121	
1,2-Dichloroethane-d4	115		73 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: **GW-120805-RTS-008**

Lab Sample ID: 720-880-5

Date Sampled: 12/08/2005 1400

Client Matrix: Water

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3196	Instrument ID: Varian 3900F
Preparation:	5030B		Lab File ID: c:\saturnws\data\200512\12
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	12/16/2005 1355		Final Weight/Volume: 40 mL
Date Prepared:	12/16/2005 1355		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	8.8		0.27	5.0
Acetone	ND		18	50
Benzene	0.19	J	0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	0.28	J	0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	3.5		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: **GW-120805-RTS-008**

Lab Sample ID: 720-880-5

Date Sampled: 12/08/2005 1400

Client Matrix: Water

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3196	Instrument ID: Varian 3900F
Preparation:	5030B		Lab File ID: c:\saturmws\data\200512\12
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	12/16/2005 1355		Final Weight/Volume: 40 mL
Date Prepared:	12/16/2005 1355		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	0.22	J	0.13	0.50
Toluene	0.16	J	0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	3.7		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	112	79 - 118
1,2-Dichloroethane-d4	106	78 - 117
Toluene-d8	109	77 - 121

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: **GW-120805-RTS-009**

Lab Sample ID: 720-880-6

Date Sampled: 12/08/2005 1715

Client Matrix: Water

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-3380

Instrument ID: Varian 3900E

Preparation: 5030B

Lab File ID: C:\VarianWS\data\720-880-

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 12/21/2005 1258

Final Weight/Volume: 10 mL

Date Prepared: 12/21/2005 1258

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethanol	ND		14	100
TAME	ND		0.38	0.50
TBA	ND		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	ND		28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	%Rec		Acceptance Limits	
Toluene-d8	105		77 - 121	
1,2-Dichloroethane-d4	112		73 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: **GW-120805-RTS-009**

Lab Sample ID: 720-880-6

Date Sampled: 12/08/2005 1715

Client Matrix: Water

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-3196	Instrument ID: Varian 3900F
Preparation:	5030B		Lab File ID: c:\saturnws\data\200512\12
Dilution:	1.0		Initial Weight/Volume: 40 mL
Date Analyzed:	12/16/2005 1501		Final Weight/Volume: 40 mL
Date Prepared:	12/16/2005 1501		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	2.7	J	0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	ND		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: GW-120805-RTS-009

Lab Sample ID: 720-880-6

Date Sampled: 12/08/2005 1715

Client Matrix: Water

Date Received: 12/08/2005 1805

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B	Analysis Batch: 720-3196	Instrument ID: Varian 3900F	
Preparation: 5030B		Lab File ID: c:\saturnews\data\200512\12	
Dilution: 1.0		Initial Weight/Volume: 40 mL	
Date Analyzed: 12/16/2005 1501		Final Weight/Volume: 40 mL	
Date Prepared: 12/16/2005 1501			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	ND		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	109	79 - 118
1,2-Dichloroethane-d4	104	78 - 117
Toluene-d8	112	77 - 121

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-004

Lab Sample ID: 720-880-1

Date Sampled: 12/08/2005 1155

Client Matrix: Solid % Moisture: 25.4

Date Received: 12/08/2005 1805

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C

Analysis Batch: 720-2923

Instrument ID: Sat 2K1

Preparation: 3550B

Prep Batch: 720-2813

Lab File ID: d:\data\200512\121205\720-

Dilution: 1.0

Initial Weight/Volume: 30.00 g

Date Analyzed: 12/12/2005 1325

Final Weight/Volume: 1 mL

Date Prepared: 12/09/2005 1616

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dioxane		ND		24	27
Surrogate		%Rec		Acceptance Limits	
Nitrobenzene-d5		65		23 - 120	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-005

Lab Sample ID: 720-880-2

Date Sampled: 12/08/2005 1200

Client Matrix: Solid % Moisture: 20.7

Date Received: 12/08/2005 1805

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C Analysis Batch: 720-2923 Instrument ID: Sat 2K1
Preparation: 3550B Prep Batch: 720-2813 Lab File ID: d:\data\200512\121205\720-
Dilution: 1.0 Initial Weight/Volume: 30.17 g
Date Analyzed: 12/12/2005 1432 Final Weight/Volume: 1 mL
Date Prepared: 12/09/2005 1616 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dioxane		ND		23	25
Surrogate		%Rec		Acceptance Limits	
Nitrobenzene-d5		74		23 - 120	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-006

Lab Sample ID: 720-880-3

Date Sampled: 12/08/2005 1205

Client Matrix: Solid % Moisture: 21.3

Date Received: 12/08/2005 1805

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C

Analysis Batch: 720-2923

Instrument ID: Sat 2K1

Preparation: 3550B

Prep Batch: 720-2813

Lab File ID: d:\data\200512\121205\720-

Dilution: 1.0

Initial Weight/Volume: 30.10 g

Date Analyzed: 12/12/2005 1342

Final Weight/Volume: 1 mL

Date Prepared: 12/09/2005 1616

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dioxane		ND		23	25
Surrogate		%Rec		Acceptance Limits	
Nitrobenzene-d5		70		23 - 120	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: GW-120805-RTS-007

Lab Sample ID: 720-880-4

Date Sampled: 12/08/2005 1220

Client Matrix: Water

Date Received: 12/08/2005 1805

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method: 8270C

Analysis Batch: 720-2847

Instrument ID: Sat 2K1

Preparation: 3510C

Prep Batch: 720-2746

Lab File ID: d:\data\200512\120905\720-

Dilution: 1.0

Initial Weight/Volume: 800 mL

Date Analyzed: 12/09/2005 1653

Final Weight/Volume: 1 mL

Date Prepared: 12/08/2005 1219

Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	ND		0.29	1.3
Surrogate	%Rec			Acceptance Limits
Nitrobenzene-d5	49			35 - 114

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: GW-120805-RTS-008

Lab Sample ID: 720-880-5

Date Sampled: 12/08/2005 1400

Client Matrix: Water

Date Received: 12/08/2005 1805

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method:	8270C	Analysis Batch: 720-2847	Instrument ID:	Sat 2K1
Preparation:	3510C	Prep Batch: 720-2746	Lab File ID:	d:\data\200512\120905\720-
Dilution:	1.0		Initial Weight/Volume:	800 mL
Date Analyzed:	12/09/2005 1603		Final Weight/Volume:	1 mL
Date Prepared:	12/08/2005 1219		Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	ND		0.29	1.3
Surrogate	%Rec		Acceptance Limits	
Nitrobenzene-d5	7	*	35 - 114	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: GW-120805-RTS-009

Lab Sample ID: 720-880-6

Date Sampled: 12/08/2005 1715

Client Matrix: Water

Date Received: 12/08/2005 1805

8270C Semivolatile Organic Compounds by GC/MS (Selective Ion Monitoring)

Method:	8270C	Analysis Batch: 720-2847	Instrument ID:	Sat 2K1
Preparation:	3510C	Prep Batch: 720-2746	Lab File ID:	d:\data\200512\120905\720-
Dilution:	1.0		Initial Weight/Volume:	600 mL
Date Analyzed:	12/09/2005 1620		Final Weight/Volume:	1 mL
Date Prepared:	12/08/2005 1219		Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	ND		0.38	1.7
Surrogate	%Rec		Acceptance Limits	
Nitrobenzene-d5	40		35 - 114	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-004

Lab Sample ID: 720-880-1

Date Sampled: 12/08/2005 1155

Client Matrix: Solid % Moisture: 25.4

Date Received: 12/08/2005 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2893	Instrument ID:	Varian DRO1
Preparation:	3550B	Prep Batch: 720-2788	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.25 g
Date Analyzed:	12/09/2005 1901		Final Weight/Volume:	5 mL
Date Prepared:	12/09/2005 1130		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		2.2		1.0	1.3
Surrogate		%Rec			Acceptance Limits
o-Terphenyl		78			60 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-005

Lab Sample ID: 720-880-2

Date Sampled: 12/08/2005 1200

Client Matrix: Solid % Moisture: 20.7

Date Received: 12/08/2005 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2893	Instrument ID:	Varian DRO1
Preparation:	3550B	Prep Batch: 720-2788	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.24 g
Date Analyzed:	12/09/2005 1928		Final Weight/Volume:	5 mL
Date Prepared:	12/09/2005 1130		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		ND		0.99	1.3
Surrogate		%Rec			Acceptance Limits
o-Terphenyl		73			60 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: S-120805-RTS-006

Lab Sample ID: 720-880-3

Date Sampled: 12/08/2005 1205

Client Matrix: Solid % Moisture: 21.3

Date Received: 12/08/2005 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B Analysis Batch: 720-2893 Instrument ID: Varian DRO1
Preparation: 3550B Prep Batch: 720-2788 Lab File ID: N/A
Dilution: 1.0 Initial Weight/Volume: 30.24 g
Date Analyzed: 12/09/2005 1954 Final Weight/Volume: 5 mL
Date Prepared: 12/09/2005 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		3.0		1.0	1.3
Surrogate	%Rec			Acceptance Limits	
o-Terphenyl	79			60 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: GW-120805-RTS-007

Lab Sample ID: 720-880-4

Date Sampled: 12/08/2005 1220

Client Matrix: Water

Date Received: 12/08/2005 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2890	Instrument ID:	HP DRO3
Preparation:	3510C	Prep Batch: 720-2749	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	12/09/2005 2020		Final Weight/Volume:	1 mL
Date Prepared:	12/08/2005 1222		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]	100	B	13	50
Surrogate	%Rec		Acceptance Limits	
o-Terphenyl	87		60 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: **GW-120805-RTS-008**

Lab Sample ID: 720-880-5

Date Sampled: 12/08/2005 1400

Client Matrix: Water

Date Received: 12/08/2005 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-3049	Instrument ID:	HP DRO3
Preparation:	3510C	Prep Batch: 720-2867	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	93 mL
Date Analyzed:	12/13/2005 1404		Final Weight/Volume:	1 mL
Date Prepared:	12/12/2005 1216		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]	450	B	36	130

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	74	60 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Client Sample ID: GW-120805-RTS-009

Lab Sample ID: 720-880-6

Date Sampled: 12/08/2005 1715

Client Matrix: Water

Date Received: 12/08/2005 1805

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-2890	Instrument ID:	HP DRO3
Preparation:	3510C	Prep Batch: 720-2749	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	250 mL
Date Analyzed:	12/09/2005 2257		Final Weight/Volume:	1 mL
Date Prepared:	12/08/2005 1222		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]	120	B	13	50
Surrogate	%Rec			Acceptance Limits
o-Terphenyl	95			60 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

General Chemistry

Client Sample ID: S-120805-RTS-004

Lab Sample ID: 720-880-1
Client Matrix: Solid

Date Sampled: 12/08/2005 1155
Date Received: 12/08/2005 1805

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	25		%	0	0.010	1.0	160.3
	Anly Batch: 720-2869	Date Analyzed	12/12/2005	1248			

Client Sample ID: S-120805-RTS-005

Lab Sample ID: 720-880-2
Client Matrix: Solid

Date Sampled: 12/08/2005 1200
Date Received: 12/08/2005 1805

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	21		%	0	0.010	1.0	160.3
	Anly Batch: 720-2869	Date Analyzed	12/12/2005	1248			

Client Sample ID: S-120805-RTS-006

Lab Sample ID: 720-880-3
Client Matrix: Solid

Date Sampled: 12/08/2005 1205
Date Received: 12/08/2005 1805

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	21		%	0	0.010	1.0	160.3
	Anly Batch: 720-2869	Date Analyzed	12/12/2005	1248			

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
GC/MS VOA		
	B	Compound was found in the blank and sample.
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
GC Semi VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-3051				
LCS 720-3051/6	Lab Control Spike	Solid	8260B	
LCSD 720-3051/9	Lab Control Spike Duplicate	Solid	8260B	
MB 720-3051/5	Method Blank	Solid	8260B	
720-880-1	S-120805-RTS-004	Solid	8260B	
720-880-2	S-120805-RTS-005	Solid	8260B	
720-880-3	S-120805-RTS-006	Solid	8260B	
Analysis Batch:720-3100				
LCS 720-3100/5	Lab Control Spike	Water	8260B	
MB 720-3100/6	Method Blank	Water	8260B	
Analysis Batch:720-3196				
LCS 720-3196/2	Lab Control Spike	Water	8260B	
MB 720-3196/3	Method Blank	Water	8260B	
720-880-5	GW-120805-RTS-008	Water	8260B	
720-880-6	GW-120805-RTS-009	Water	8260B	
Analysis Batch:720-3266				
LCS 720-3266/1	Lab Control Spike	Solid	8260B	
MB 720-3266/2	Method Blank	Solid	8260B	
720-880-1	S-120805-RTS-004	Solid	8260B	
720-880-2	S-120805-RTS-005	Solid	8260B	
720-880-3	S-120805-RTS-006	Solid	8260B	
720-880-3MS	Matrix Spike	Solid	8260B	
720-880-3MSD	Matrix Spike Duplicate	Solid	8260B	
Analysis Batch:720-3270				
LCS 720-3270/1	Lab Control Spike	Water	8260B	
MB 720-3270/2	Method Blank	Water	8260B	
720-880-4	GW-120805-RTS-007	Water	8260B	
Analysis Batch:720-3380				
LCS 720-3380/5	Lab Control Spike	Water	8260B	
LCSD 720-3380/4	Lab Control Spike Duplicate	Water	8260B	
MB 720-3380/6	Method Blank	Water	8260B	
720-880-4	GW-120805-RTS-007	Water	8260B	
720-880-5	GW-120805-RTS-008	Water	8260B	
720-880-6	GW-120805-RTS-009	Water	8260B	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS Semi VOA				
Prep Batch: 720-2746				
LCS 720-2746/2-A	Lab Control Spike	Water	3510C	
LCSD 720-2746/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-2746/1-A	Method Blank	Water	3510C	
720-880-4	GW-120805-RTS-007	Water	3510C	
720-880-5	GW-120805-RTS-008	Water	3510C	
720-880-6	GW-120805-RTS-009	Water	3510C	
Prep Batch: 720-2813				
LCS 720-2813/2-A	Lab Control Spike	Solid	3550B	
LCSD 720-2813/3-A	Lab Control Spike Duplicate	Solid	3550B	
MB 720-2813/1-A	Method Blank	Solid	3550B	
720-880-1	S-120805-RTS-004	Solid	3550B	
720-880-2	S-120805-RTS-005	Solid	3550B	
720-880-3	S-120805-RTS-006	Solid	3550B	
720-880-3MS	Matrix Spike	Solid	3550B	
720-880-3MSD	Matrix Spike Duplicate	Solid	3550B	
Analysis Batch: 720-2847				
LCS 720-2746/2-A	Lab Control Spike	Water	8270C	720-2746
LCSD 720-2746/3-A	Lab Control Spike Duplicate	Water	8270C	720-2746
MB 720-2746/1-A	Method Blank	Water	8270C	720-2746
720-880-4	GW-120805-RTS-007	Water	8270C	720-2746
720-880-5	GW-120805-RTS-008	Water	8270C	720-2746
720-880-6	GW-120805-RTS-009	Water	8270C	720-2746
Analysis Batch: 720-2923				
LCS 720-2813/2-A	Lab Control Spike	Solid	8270C	720-2813
LCSD 720-2813/3-A	Lab Control Spike Duplicate	Solid	8270C	720-2813
MB 720-2813/1-A	Method Blank	Solid	8270C	720-2813
720-880-1	S-120805-RTS-004	Solid	8270C	720-2813
720-880-2	S-120805-RTS-005	Solid	8270C	720-2813
720-880-3	S-120805-RTS-006	Solid	8270C	720-2813
720-880-3MS	Matrix Spike	Solid	8270C	720-2813
720-880-3MSD	Matrix Spike Duplicate	Solid	8270C	720-2813

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Prep Batch: 720-2749				
LCS 720-2749/2-A	Lab Control Spike	Water	3510C	
LCSD 720-2749/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-2749/1-A	Method Blank	Water	3510C	
720-880-4	GW-120805-RTS-007	Water	3510C	
720-880-6	GW-120805-RTS-009	Water	3510C	
Prep Batch: 720-2788				
LCS 720-2788/2-A	Lab Control Spike	Solid	3550B	
LCSD 720-2788/3-A	Lab Control Spike Duplicate	Solid	3550B	
MB 720-2788/1-A	Method Blank	Solid	3550B	
720-880-1	S-120805-RTS-004	Solid	3550B	
720-880-1MS	Matrix Spike	Solid	3550B	
720-880-1MSD	Matrix Spike Duplicate	Solid	3550B	
720-880-2	S-120805-RTS-005	Solid	3550B	
720-880-3	S-120805-RTS-006	Solid	3550B	
Prep Batch: 720-2867				
LCS 720-2867/2-A	Lab Control Spike	Water	3510C	
LCSD 720-2867/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-2867/1-A	Method Blank	Water	3510C	
720-880-5	GW-120805-RTS-008	Water	3510C	
Analysis Batch: 720-2890				
LCS 720-2749/2-A	Lab Control Spike	Water	8015B	720-2749
LCSD 720-2749/3-A	Lab Control Spike Duplicate	Water	8015B	720-2749
MB 720-2749/1-A	Method Blank	Water	8015B	720-2749
720-880-4	GW-120805-RTS-007	Water	8015B	720-2749
720-880-6	GW-120805-RTS-009	Water	8015B	720-2749
Analysis Batch: 720-2893				
LCS 720-2788/2-A	Lab Control Spike	Solid	8015B	720-2788
LCSD 720-2788/3-A	Lab Control Spike Duplicate	Solid	8015B	720-2788
MB 720-2788/1-A	Method Blank	Solid	8015B	720-2788
720-880-1	S-120805-RTS-004	Solid	8015B	720-2788
720-880-1MS	Matrix Spike	Solid	8015B	720-2788
720-880-1MSD	Matrix Spike Duplicate	Solid	8015B	720-2788
720-880-2	S-120805-RTS-005	Solid	8015B	720-2788
720-880-3	S-120805-RTS-006	Solid	8015B	720-2788
Analysis Batch: 720-3049				
LCS 720-2867/2-A	Lab Control Spike	Water	8015B	720-2867
LCSD 720-2867/3-A	Lab Control Spike Duplicate	Water	8015B	720-2867
MB 720-2867/1-A	Method Blank	Water	8015B	720-2867
720-880-5	GW-120805-RTS-008	Water	8015B	720-2867

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch: 720-2869				
MB 720-2869/1	Method Blank	Solid	160.3	
720-880-1	S-120805-RTS-004	Solid	160.3	
720-880-2	S-120805-RTS-005	Solid	160.3	
720-880-3	S-120805-RTS-006	Solid	160.3	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3051

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3051/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/14/2005 0940
Date Prepared: 12/14/2005 0940

Analysis Batch: 720-3051
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\121405\ls-s
Initial Weight/Volume: 5.01 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Ethanol	ND		54	500
TAME	ND		0.45	5.0
TBA	ND		4.5	10
DIPE	ND		0.33	5.0
Gasoline Range Organics (GRO)-C5-C12	43	J	21	1000
Ethyl tert-butyl ether	ND		0.23	5.0
Surrogate	% Rec		Acceptance Limits	
Toluene-d8	93		70 - 130	
1,2-Dichloroethane-d4	87		60 - 140	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-3051**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-3051/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/14/2005 0914
Date Prepared: 12/14/2005 0914

Analysis Batch: 720-3051
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\121405\mb
Initial Weight/Volume: 5.37 g
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-3051/9
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/14/2005 0847
Date Prepared: 12/14/2005 0847

Analysis Batch: 720-3051
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\121405\ld-sc
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	86	94	69 - 129	16	20		
MTBE	102	94	65 - 165	1	20		
Toluene	90	96	70 - 130	13	20	B	B
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8	92		94		70 - 130		
1,2-Dichloroethane-d4	84		78		60 - 140		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3100

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3100/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/14/2005 1206
Date Prepared: 12/14/2005 1206

Analysis Batch: 720-3100
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA121403.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	ND		0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	0.11	J	0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropane	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	ND		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3100

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3100/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/14/2005 1206
Date Prepared: 12/14/2005 1206

Analysis Batch: 720-3100
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA121403.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	0.49	J	0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	ND		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	0.20	J	0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	115	79 - 118
1,2-Dichloroethane-d4	104	78 - 117
Toluene-d8	107	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Laboratory Control Sample - Batch: 720-3100

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-3100/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/14/2005 1131
Date Prepared: 12/14/2005 1131

Analysis Batch: 720-3100
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA121402.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	19	95	69 - 129	
Chlorobenzene	20.0	20	101	61 - 121	
1,1-Dichloroethene	20.0	18	92	65 - 125	
Toluene	20.0	20	100	70 - 130	
Trichloroethene	20.0	19	94	74 - 134	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		115		79 - 118	
1,2-Dichloroethane-d4		98		78 - 117	
Toluene-d8		104		77 - 121	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3196

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3196/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2005 1036
Date Prepared: 12/16/2005 1036

Analysis Batch: 720-3196
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200512\112
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	ND		0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	ND		0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	ND		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3196

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3196/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2005 1036
Date Prepared: 12/16/2005 1036

Analysis Batch: 720-3196
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900F
Lab File ID: c:\saturnews\data\200512\12
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	ND		0.14	0.50
Trichloroethene	ND		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	0.44	J	0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	113	79 - 118
1,2-Dichloroethane-d4	105	78 - 117
Toluene-d8	108	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Laboratory Control Sample - Batch: 720-3196

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-3196/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/16/2005 1003
Date Prepared: 12/16/2005 1003

Analysis Batch: 720-3196
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900F
Lab File ID: c:\saturmws\data\200512\12
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	16	82	69 - 129	
Chlorobenzene	20.0	18	90	61 - 121	
1,1-Dichloroethene	20.0	16	78	65 - 125	
Toluene	20.0	16	82	70 - 130	
Trichloroethene	20.0	17	86	74 - 134	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		114		79 - 118	
1,2-Dichloroethane-d4		95		78 - 117	
Toluene-d8		109		77 - 121	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3266

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3266/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/19/2005 1219
Date Prepared: 12/19/2005 1219

Analysis Batch: 720-3266
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Latest Chemstation
Lab File ID: 121905006.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	ND		0.74	5.0
Acetone	ND		7.4	50
Benzene	0.28	J	0.21	5.0
Dichlorobromomethane	ND		0.38	5.0
Bromobenzene	ND		0.69	5.0
Chlorobromomethane	ND		0.69	20
Bromoform	ND		0.71	5.0
Bromomethane	0.30	J	0.23	10
Methyl Ethyl Ketone	ND		4.9	50
n-Butylbenzene	ND		0.54	5.0
sec-Butylbenzene	ND		0.57	5.0
tert-Butylbenzene	ND		0.89	5.0
Carbon disulfide	ND		1.1	5.0
Carbon tetrachloride	ND		0.59	5.0
Chlorobenzene	ND		1.2	5.0
Chloroethane	ND		0.84	10
Chloroform	ND		0.33	5.0
Chloromethane	ND		0.24	10
2-Chlorotoluene	ND		0.56	5.0
4-Chlorotoluene	ND		0.79	5.0
Chlorodibromomethane	ND		0.57	5.0
1,2-Dichlorobenzene	ND		0.79	5.0
1,3-Dichlorobenzene	ND		0.60	5.0
1,4-Dichlorobenzene	ND		0.82	5.0
1,3-Dichloropropane	ND		1.1	5.0
1,1-Dichloropropene	ND		0.59	5.0
1,2-Dibromo-3-Chloropropane	ND		0.18	50
Ethylene Dibromide	ND		0.25	5.0
Dibromomethane	ND		0.76	10
Dichlorodifluoromethane	ND		0.82	10
1,1-Dichloroethane	ND		0.63	5.0
1,2-Dichloroethane	ND		0.73	5.0
1,1-Dichloroethene	ND		0.77	5.0
cis-1,2-Dichloroethene	ND		0.66	5.0
trans-1,2-Dichloroethene	ND		0.75	5.0
1,2-Dichloropropane	ND		0.57	5.0
cis-1,3-Dichloropropene	ND		0.46	5.0
trans-1,3-Dichloropropene	ND		0.71	5.0
Ethylbenzene	ND		0.21	5.0
Hexachlorobutadiene	ND		0.13	5.0
2-Hexanone	ND		0.67	50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3266

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3266/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/19/2005 1219
Date Prepared: 12/19/2005 1219

Analysis Batch: 720-3266
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Latest Chemstation
Lab File ID: 121905006.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		0.88	5.0
4-Isopropyltoluene	ND		0.52	5.0
Methylene Chloride	ND		1.1	10
methyl isobutyl ketone	ND		0.46	50
Naphthalene	ND		1.4	10
N-Propylbenzene	ND		0.57	5.0
Styrene	ND		0.47	5.0
1,1,1,2-Tetrachloroethane	ND		0.64	5.0
1,1,2,2-Tetrachloroethane	ND		0.38	5.0
Tetrachloroethene	ND		0.91	5.0
Toluene	0.38	J	0.25	5.0
1,2,3-Trichlorobenzene	ND		1.2	5.0
1,2,4-Trichlorobenzene	ND		1.2	5.0
1,1,1-Trichloroethane	ND		0.48	5.0
1,1,2-Trichloroethane	ND		0.97	5.0
Trichloroethene	ND		0.56	5.0
Trichlorofluoromethane	ND		0.72	5.0
1,2,3-Trichloropropane	ND		0.13	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.90	5.0
1,2,4-Trimethylbenzene	ND		0.71	5.0
1,3,5-Trimethylbenzene	ND		0.75	5.0
Vinyl acetate	ND		0.28	50
Vinyl chloride	ND		0.85	5.0
Xylenes, Total	ND		0.65	10
2,2-Dichloropropane	ND		0.98	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	110	60 - 140
1,2-Dichloroethane-d4	98	60 - 140
Toluene-d8	99	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Laboratory Control Sample - Batch: 720-3266

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-3266/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/19/2005 1113
Date Prepared: 12/19/2005 1113

Analysis Batch: 720-3266
Prep Batch: N/A
Units: ug/Kg

Instrument ID: Latest Chemstation
Lab File ID: 121905004.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	100	92	92	69 - 129	B
Chlorobenzene	100	91	91	61 - 121	
1,1-Dichloroethene	100	100	101	65 - 125	
Toluene	100	91	91	70 - 130	B
Trichloroethene	100	94	94	74 - 134	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		111		60 - 140	
1,2-Dichloroethane-d4		101		60 - 140	
Toluene-d8		99		70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-3266**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 720-880-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/19/2005 1434
Date Prepared: 12/19/2005 1434

Analysis Batch: 720-3266
Prep Batch: N/A

Instrument ID: Latest Chemstation
Lab File ID: 121905010.D
Initial Weight/Volume: 5.05 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-880-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/19/2005 1507
Date Prepared: 12/19/2005 1507

Analysis Batch: 720-3266
Prep Batch: N/A

Instrument ID: Latest Chemstation
Lab File ID: 121905011.D
Initial Weight/Volume: 5.07 g
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	99	101	69 - 129	1	20	B	B
Chlorobenzene	97	99	61 - 121	1	20		
1,1-Dichloroethene	113	117	65 - 125	2	20		
Toluene	100	100	70 - 130	0	20	B	B
Trichloroethene	101	102	74 - 134	1	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	111		114		60 - 140		
1,2-Dichloroethane-d4	107		106		60 - 140		
Toluene-d8	100		99		70 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3270

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3270/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/19/2005 1042
Date Prepared: 12/19/2005 1042

Analysis Batch: 720-3270
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA121903.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	ND		0.27	5.0
Acetone	ND		18	50
Benzene	ND		0.11	0.50
Dichlorobromomethane	ND		0.11	0.50
Bromobenzene	ND		0.72	1.0
Chlorobromomethane	ND		0.17	1.0
Bromoform	ND		0.12	1.0
Bromomethane	ND		0.18	1.0
Methyl Ethyl Ketone	ND		17	50
n-Butylbenzene	ND		0.49	1.0
sec-Butylbenzene	ND		0.24	1.0
tert-Butylbenzene	ND		0.49	1.0
Carbon disulfide	ND		0.13	5.0
Carbon tetrachloride	ND		0.11	0.50
Chlorobenzene	ND		0.15	0.50
Chloroethane	ND		0.10	1.0
Chloroform	0.12	J	0.11	1.0
Chloromethane	ND		0.18	1.0
2-Chlorotoluene	ND		0.22	0.50
4-Chlorotoluene	ND		0.33	0.50
Chlorodibromomethane	ND		0.15	0.50
1,2-Dichlorobenzene	ND		0.40	0.50
1,3-Dichlorobenzene	ND		0.22	0.50
1,4-Dichlorobenzene	ND		0.39	0.50
1,3-Dichloropropane	ND		0.47	1.0
1,1-Dichloropropene	ND		0.14	0.50
1,2-Dibromo-3-Chloropropane	ND		0.41	1.0
Ethylene Dibromide	ND		0.082	0.50
Dibromomethane	ND		0.15	0.50
Dichlorodifluoromethane	ND		0.20	0.50
1,1-Dichloroethane	ND		0.23	0.50
1,2-Dichloroethane	ND		0.23	0.50
1,1-Dichloroethene	ND		0.21	0.50
cis-1,2-Dichloroethene	ND		0.42	0.50
trans-1,2-Dichloroethene	ND		0.10	0.50
1,2-Dichloropropane	ND		0.14	0.50
cis-1,3-Dichloropropene	ND		0.18	0.50
trans-1,3-Dichloropropene	ND		0.15	0.50
Ethylbenzene	ND		0.17	0.50
Hexachlorobutadiene	ND		0.61	1.0
2-Hexanone	ND		0.58	50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3270

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3270/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/19/2005 1042
Date Prepared: 12/19/2005 1042

Analysis Batch: 720-3270
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA121903.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	ND		0.15	0.50
4-Isopropyltoluene	ND		0.44	1.0
Methylene Chloride	ND		0.13	5.0
methyl isobutyl ketone	ND		17	50
Naphthalene	ND		0.27	1.0
N-Propylbenzene	ND		0.12	1.0
Styrene	ND		0.33	0.50
1,1,1,2-Tetrachloroethane	ND		0.38	0.50
1,1,2,2-Tetrachloroethane	ND		0.27	0.50
Tetrachloroethene	ND		0.13	0.50
Toluene	ND		0.14	0.50
1,2,3-Trichlorobenzene	ND		0.99	1.0
1,2,4-Trichlorobenzene	ND		0.35	1.0
1,1,1-Trichloroethane	ND		0.21	0.50
1,1,2-Trichloroethane	0.29	J	0.14	0.50
Trichloroethene	ND		0.12	0.50
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.16	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.21	0.50
1,2,4-Trimethylbenzene	ND		0.20	0.50
1,3,5-Trimethylbenzene	ND		0.46	0.50
Vinyl acetate	ND		0.49	25
Vinyl chloride	ND		0.23	0.50
Xylenes, Total	ND		0.77	1.0
2,2-Dichloropropane	ND		0.23	0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	107	79 - 118
1,2-Dichloroethane-d4	102	78 - 117
Toluene-d8	109	77 - 121

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Laboratory Control Sample - Batch: 720-3270

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-3270/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/19/2005 1006
Date Prepared: 12/19/2005 1006

Analysis Batch: 720-3270
Prep Batch: N/A
Units: ug/L

Instrument ID: HP1
Lab File ID: VA121902.D
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	16	82	69 - 129	
Chlorobenzene	20.0	17	85	61 - 121	
1,1-Dichloroethene	20.0	17	84	65 - 125	
Toluene	20.0	17	87	70 - 130	
Trichloroethene	20.0	17	86	74 - 134	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		108		79 - 118	
1,2-Dichloroethane-d4		99		78 - 117	
Toluene-d8		106		77 - 121	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-3380

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3380/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2005 1109
Date Prepared: 12/21/2005 1109

Analysis Batch: 720-3380
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: C:\VarianWS\data\mb-wa-5
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Ethanol	ND		14	100
TAME	ND		0.38	0.50
TBA	ND		1.6	5.0
DIPE	ND		0.22	1.0
Gasoline Range Organics (GRO)-C5-C12	ND		28	50
Ethyl tert-butyl ether	ND		0.28	0.50
Surrogate	% Rec		Acceptance Limits	
Toluene-d8	107		77 - 121	
1,2-Dichloroethane-d4	125		73 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-3380**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-3380/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2005 1030
Date Prepared: 12/21/2005 1030

Analysis Batch: 720-3380
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: C:\VarianWS\data\ls-wa-5-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-3380/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/21/2005 1049
Date Prepared: 12/21/2005 1049

Analysis Batch: 720-3380
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: C:\VarianWS\data\ld-wa-5-1;
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	98	107	69 - 129	9	25	B	
MTBE	96	111	65 - 165	14	25		
Toluene	102	107	70 - 130	6	25	B	
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8	108		103		77 - 121		
1,2-Dichloroethane-d4	110		114		73 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-2746

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 720-2746/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/09/2005 0951
Date Prepared: 12/08/2005 1219

Analysis Batch: 720-2847
Prep Batch: 720-2746
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200512\120905\mb
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	ND		0.23	1.0
Surrogate	% Rec		Acceptance Limits	
Nitrobenzene-d5	82		35 - 114	

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2746**

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-2746/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/09/2005 1007
Date Prepared: 12/08/2005 1219

Analysis Batch: 720-2847
Prep Batch: 720-2746
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200512\120905\lcs
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 720-2746/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/09/2005 1024
Date Prepared: 12/08/2005 1219

Analysis Batch: 720-2847
Prep Batch: 720-2746
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200512\120905\lcsd
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	56	47	30 - 150	17	35		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Nitrobenzene-d5	88		77		35 - 114		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-2813

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 720-2813/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/12/2005 1235
Date Prepared: 12/09/2005 1616

Analysis Batch: 720-2923
Prep Batch: 720-2813
Units: ug/Kg

Instrument ID: Sat 2K1
Lab File ID: d:\data\200512\121205\mb
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	ND		18	20
Surrogate	% Rec		Acceptance Limits	
Nitrobenzene-d5	59		23 - 120	

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2813**

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID: LCS 720-2813/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/12/2005 1252
Date Prepared: 12/09/2005 1616

Analysis Batch: 720-2923
Prep Batch: 720-2813
Units: ug/Kg

Instrument ID: Sat 2K1
Lab File ID: d:\data\200512\121205\lcs
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 720-2813/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/12/2005 1309
Date Prepared: 12/09/2005 1616

Analysis Batch: 720-2923
Prep Batch: 720-2813
Units: ug/Kg

Instrument ID: Sat 2K1
Lab File ID: d:\data\200512\121205\lcscd
Initial Weight/Volume: 30.07 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	44	49	30 - 115	11	35		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Nitrobenzene-d5	66		77		23 - 120		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-2813**

**Method: 8270C
Preparation: 3550B**

MS Lab Sample ID: 720-880-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/12/2005 1359
Date Prepared: 12/09/2005 1616

Analysis Batch: 720-2923
Prep Batch: 720-2813

Instrument ID: Sat 2K1
Lab File ID: d:\data\200512\121205\720
Initial Weight/Volume: 30.25 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 720-880-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/12/2005 1415
Date Prepared: 12/09/2005 1616

Analysis Batch: 720-2923
Prep Batch: 720-2813

Instrument ID: Sat 2K1
Lab File ID: d:\data\200512\121205\720
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	40	21	10 - 130	63	35		*
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
Nitrobenzene-d5		63	55			23 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-2749

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-2749/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/08/2005 1638
Date Prepared: 12/08/2005 1222

Analysis Batch: 720-2890
Prep Batch: 720-2749
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	25	J	13	50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	78	60 - 130

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2749**

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-2749/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/08/2005 1705
Date Prepared: 12/08/2005 1222

Analysis Batch: 720-2890
Prep Batch: 720-2749
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-2749/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/08/2005 1732
Date Prepared: 12/08/2005 1222

Analysis Batch: 720-2890
Prep Batch: 720-2749
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	86	94	60 - 130	10	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
o-Terphenyl	74		80	60 - 130			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-2788

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-2788/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/09/2005 1650
Date Prepared: 12/09/2005 1130

Analysis Batch: 720-2893
Prep Batch: 720-2788
Units: mg/Kg

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 30.19 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	ND		0.79	0.99
Surrogate	% Rec		Acceptance Limits	
o-Terphenyl	84		60 - 130	

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2788**

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-2788/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/09/2005 1716
Date Prepared: 12/09/2005 1130

Analysis Batch: 720-2893
Prep Batch: 720-2788
Units: mg/Kg

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 30.18 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-2788/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/09/2005 1742
Date Prepared: 12/09/2005 1130

Analysis Batch: 720-2893
Prep Batch: 720-2788
Units: mg/Kg

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 30.23 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	86	105	60 - 130	20	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
o-Terphenyl	92		98		60 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-2788**

**Method: 8015B
Preparation: 3550B**

MS Lab Sample ID: 720-880-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/09/2005 1809
Date Prepared: 12/09/2005 1130

Analysis Batch: 720-2893
Prep Batch: 720-2788

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 30.26 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

MSD Lab Sample ID: 720-880-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/09/2005 1835
Date Prepared: 12/09/2005 1130

Analysis Batch: 720-2893
Prep Batch: 720-2788

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 30.23 g
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	100	84	60 - 130	16	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
o-Terphenyl		91	87			60 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-2867

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-2867/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/14/2005 1245
Date Prepared: 12/12/2005 1216

Analysis Batch: 720-3049
Prep Batch: 720-2867
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	34	J	13	50
Surrogate	% Rec		Acceptance Limits	
o-Terphenyl	78		60 - 130	

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2867**

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-2867/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/14/2005 1312
Date Prepared: 12/12/2005 1216

Analysis Batch: 720-3049
Prep Batch: 720-2867
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-2867/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/14/2005 1340
Date Prepared: 12/12/2005 1216

Analysis Batch: 720-3049
Prep Batch: 720-2867
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	95	95	60 - 130	0	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
o-Terphenyl	83		84		60 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Method Blank - Batch: 720-2869

Method: 160.3
Preparation: N/A

Lab Sample ID: MB 720-2869/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/12/2005 1248
Date Prepared: N/A

Analysis Batch: 720-2869
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	MDL	RL
Percent Moisture	0		0	0.010

Calculations are performed before rounding to avoid round-off errors in calculated results.

CHAIN OF CUSTODY RECORD

114394

CONESTOGA-ROVERS & ASSOCIATES <u>STOCKTON</u>	SHIPPED TO (Laboratory Name): <p style="font-size: 24px; text-align: center;">STT - SF 720-880</p>	REFERENCE NUMBER: <p style="font-size: 24px; text-align: center;">17366-208-01</p>
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SAMPLER'S SIGNATURE: <u>Bob Siegfried</u>	PRINTED NAME: <u>Bob Siegfried</u>	
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SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS				REMARKS
						GRD	DRD	TCL-VOLCS	*Others	
	12/8/05	1155	S-120805-RTS-004	S	1	x	x	x	x	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;">72 hr. TAT</div> * Others: TAME, ETBE, DIPE, TBA, ethanol, 1,4-dioxane (Oxygenate) Call Kathy Shaw CRA for Confirmation
		1200	-005	S	1					
		1205	-006	S	1					
		1220	GW-120805-RTS-007	W	8					
		1400	GW-120805-RTS-008	W	8					
		1715	GW-120805-RTS-009	W	8					

CRA

RUSH

TOTAL NUMBER OF CONTAINERS	27	HEALTH/CHEMICAL HAZARDS
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RELINQUISHED BY: ① <u>Bob Siegfried</u>	DATE: <u>12-8-05</u> TIME: <u>1805</u>	RECEIVED BY: ① <u>[Signature]</u>	DATE: <u>12/8/05</u> TIME: <u>18:05</u>
RELINQUISHED BY: ② _____	DATE: _____ TIME: _____	RECEIVED BY: ② _____	DATE: _____ TIME: _____
RELINQUISHED BY: ③ _____	DATE: _____ TIME: _____	RECEIVED BY: ③ _____	DATE: _____ TIME: _____

METHOD OF SHIPMENT:	WAY BILL No. _____
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White - Fully Executed Copy Yellow - Receiving Laboratory Copy Pink - Shipper Copy Goldenrod - Sampler Copy	SAMPLE TEAM: <p style="font-size: 24px; text-align: center;">RTS</p>	RECEIVED FOR LABORATORY BY: <u>Temp use</u> <p style="font-size: 24px; text-align: center;">NO CRA 08217</p> DATE: _____ TIME: _____
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1001 (D) APR 28/00 (NF) REV. 01F.13

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 720-880-1

Login Number: 880

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	False	All 6 vials GW-120805-RTS-008 have bubbles > 6mm
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

*Saturn of Pleasanton
Pleasanton, California*



Photo 1: Hand auger to 5 ft bgs



Photo 2: Work Area.



Photo 3: Work Area.



Photo 4: Opening the Core Barrel.



Photo 5: Open Core Barrel.



Photo 6: Decon Area.

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Photo 7: Drilling set up; with box to contain cuttings.

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Photo 8: Decon Procedure



Photo 9: SB-VAS-1 and SB-9 post drilling, pre concrete.

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Photo 10: SB-VAS-a post drilling; pre concrete.



Photo 11: Back of Dealership; storage of 16 drums generated during drilling activities.

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Photo 12: SB-9 and SB-VAS-1 Concrete Completion



Photo 13: Work Area post drilling activities.

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Photo 14: SB-VAS-2 Cored – not accessed for drilling.



Photo 15: Work Area post drilling activities.

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Pleasanton, California*



Photo 16: SB-9 and VAS-1 concrete completion.